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FEDERAL HORTICULTURAL BOARD.

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ANNUAL LETTER OF INFORMATION.

Pests collected from imported plants and plant products from January 1, 1921, to December 31, 1921, inclusive.

No. 35.

December 31, 1921

NOTES ON PATHOLOGICAL INTERCEPTIONS.

Particular attention has been given to the pathological inspection of plant material passing through the Inspection House at Washington, D. C., under special permit. Crown gall (*Bacterium tumefaciens*) has been very prevalent, as in former years, on shipments from Europe, apparently no effort being made to free shipments of diseased plants. Fruit and rose stocks have been the commonest hosts found affected.

Exobasidium vaccinii has been especially common on azaleas from Belgium. A wide range of miscellaneous fungi have been intercepted, not all of which have as yet been identified, others appearing in the list which follows.

A fungus causing a serious rot of iris rhizomes was found on material from Germany. Two entire shipments have been destroyed and parts of a third. Partly rotted rhizomes were planted for observation, but were destroyed by the fungus within a short time and it was found that the fungus grew out through the soil, forming large numbers of sclerotia (resting bodies).

Citrus canker (*Bacterium citri*) was twice intercepted on grapefruit and oranges from China, found in passengers' baggage, at the port of San Francisco, Calif.

NOTES ON ENTOMOLOGICAL INTERCEPTIONS.

During the period under review 192 nests of the brown-tail moth were intercepted and reported by State and Federal inspectors, in contrast with 85 nests collected during the past eight years. With one exception, all of the nests taken in 1921 were on fruit and rose stocks from France. The sorrel cutworm, *Acronycta rumicis*, was taken on four shipments of fruit and rose stocks from France, and 62 nests of the white tree pierid, *Aporia crataegi*, were found on plants from the same country. The pink bollworm, *Pectinophora gossypiella*, was intercepted on 32 occasions, and the spiny citrus white fly, *Aleurocanthus woglumi*, was taken on tropical plants by Florida State Plant Board and Federal inspectors. Avocados from the Canal Zone and Mexico were infested with larvæ of *Stenoma catenifer*, and the same fruit from the latter country and Costa Rica was infested with a species of *Conotrachelus*, probably *C. perseae*.

What appears to be an injurious thrips, *Thrips communis pulla*, was found infesting chrysanthemums from England and France. Astilbes from Holland were infested with *Brachyrhinus sulcatus*. The larvæ of this weevil were not only in the roots, but in some instances were rather abundant in the soil surrounding the roots, which is definitely prohibited by Quarantine 37.

Mexican-grown Irish potatoes which were in ships' stores were found on two vessels arriving at New Orleans, La., showed a rather heavy infestation of a species of *Trypopremnon* which is not known to occur in the United States. Likewise, sweet potatoes from the West Indies were infested with the West Indian sweet potato weevil, *Euscepes batatae*. Inspectors of the California Department of Agriculture made several interceptions of the melon and Mediterranean fruit flies on vegetables and fruits from Hawaii. Numerous scale insects were found on plants and plant products offered for entry, some of which are not known to be established in the United States.

LIST, BY COUNTRIES, OF PESTS COLLECTED AND REPORTED FROM JANUARY 1, 1921, TO DECEMBER 31, 1921, INCLUSIVE.

[All findings in the District of Columbia and those marked with an asterisk indicate Federal inspection.]

Country of origin and name of pest.	Host.	Collected in—
AFRICA.		
Insects:		
Araecerus fasciculatus (coffee-bean weevil).....	Saccharum officinarum (sugar cane).....	Florida.
Do.....	Unknown pods and seeds.....	Do.
Aspidiotus lataniae (scale insect).....	Cocos nucifera (coconut).....	Do.
Do.....	Unknown plant.....	Do.
Calendra granaria (granary weevil).....	Pennisetum typhoideum (pearl millet).....	District of Columbia.
Calendra oryzae (rice weevil).....	Hordeum vulgare (barley).....	Do.
Do.....	Pennisetum typhoideum (pearl millet).....	Do.
Carpophilus dimidiatus (Nitidulidae).....	Dioscorea sp. (yams).....	Pennsylvania.*
Chrysomphalus dictyospermi (scale insect).....	Palm.....	District of Columbia.
Chrysomphalus sp. (scale insect).....	Unknown plant.....	Do.
Ephestia sp. (Pyralidae).....	Theobroma cacao (beans) (2).....	Pennsylvania.*
Hemiclionaspis minor (scale insect).....	Cocos nucifera (coconut).....	Florida.
Hemiclionaspis sp. (scale insect).....	Unknown plant.....	Do.
Howardia sp. (scale insect).....	do.....	Do.
Ischnaspis longirostris (thread scale).....	Palm.....	District of Columbia.
Laemophloeus ferrugineus (Cucujidae).....	Theobroma cacao (beans).....	Pennsylvania.*
Lepidosaphes gloverii (Glover's scale).....	Palm.....	District of Columbia.
Pentatomid (nymph).....	Dictomis fastigiata (Andropogon).....	Do.
Piezostethus sp. (Anthocoridae).....	Dioscorea sp. (yam).....	Pennsylvania.*
Pseudococcus adonidum (long-tailed mealybug).....	Unknown plant.....	District of Columbia.
Pseudococcus sp. (mealybug).....	Dioscorea sp. (yam).....	Pennsylvania.*
Pulvinaria sp. (scale insect).....	Unknown plant (2).....	District of Columbia.
Pyralid.....	Theobroma cacao (beans).....	Pennsylvania.*
Tribolium confusum (confused flour beetle).....	Sesamum (seed).....	District of Columbia.
Tyroglyphus sp. (mite).....	Mafurreira (seed).....	Do.
Diseases:		
Actinomyces scabies.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Aspergillus repens.....	Chrysophyllum.....	District of Columbia.
Cephalothecium roseum.....	Cucumis melo.....	Pennsylvania.*
Diplodia sp.....	Cocos nucifera (coconut).....	Florida.
Gibberella pulicaris.....	Hordeum spp.....	Maryland.*
Phytophthora infestans.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Puccinia graminis.....	Hordeum spp.....	Maryland.*
Puccinia nakanishikii.....	Cymbopogon confertiflorus.....	District of Columbia.
Ustilago hordei.....	Hordeum vulgare (barley).....	Do.
Ustilago nuda.....	Hordeum spp.....	Maryland.*
ALGERIA.		
Insects:		
Lepidosaphes beckii (purple scale).....	Citrus limonia (lemon).....	District of Columbia.
Odonaspis sp. (scale insect).....	Arundo mauritanica (rhizomes).....	Do.
Targionia sp. (scale insect).....	Populus subintegerrima (poplar).....	Do.
ANTIGUA.		
Insect:		
Targionia hartii (scale insect).....	Dioscorea sp. (yam) (2).....	District of Columbia.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
ARGENTINA.		
Insects:		
Anthomyid.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Calendra granaria (granary weevil).....	Triticum aestivum (wheat).....	District of Columbia.
Do.....	Zea mays (corn).....	Do.
Calendra oryzae (rice weevil).....	Holcus sorghum (seed).....	Do.
Do.....	Triticum aestivum (wheat).....	Do.
Do.....	Zea mays (corn) (2).....	Do.
Dermestes vulpinus (Dermestidae).....	Bones.....	Louisiana.*
Desmonota variolosa (Cassididae).....	Unknown.....	Pennsylvania.*
Necrobia ruficollis (Corynetidae).....	Bones.....	Louisiana.*
Necrobia rufipes (red-legged ham beetle).....	do.....	Do.
Rhizopertha dominica (lesser grain beetle).....	Phaseolus sp. (2).....	California.
Sitodrepa panicea (Anobiidae).....	Cicer sp. (chick pea).....	Do.
Do.....	Lycopersicum esculentum (tomato) (2).....	District of Columbia.
Tribolium confusum (confused flour beetle).....	Cannabis sp. (hemp) (seed).....	California.
Tribolium sp. (Tenebrionidae).....	Helianthus sp. (sunflower) (seed).....	Do.
Diseases:		
Actinomyces scabies.....	Solanum tuberosum (Irish potato).....	Louisiana.*
Fusarium sp.....	do.....	District of Columbia.
Tilletia foetens.....	Triticum sp.....	Do.
ASIA.		
Insect:		
Eurytomine.....	Mallotis philippinensis (seed).....	District of Columbia.
ASSAM.		
Insects:		
Curculionid.....	Caryota sp. (fish-tail palm).....	District of Columbia.
AUSTRALIA.		
Insects:		
Aspidiotus camelliae (greedy scale).....	Wisteria sp.....	Hawaii.
Aspidiotus hederae (ivy scale).....	Citrus limonia (lemon).....	Do.
Aulacaspis rosae (rose scale).....	Rosa sp. (rose).....	California.
Calendra oryzae (rice weevil).....	Kentia forsteriana (palm) (seed).....	Florida.
Cartodere costulata (Lathridiidae).....	Chrysanthemum sp.....	District of Columbia.
Ceronema sp.....	Wisteria sp.....	Hawaii.
Lepidosaphes beckii (purple scale).....	Citrus sinensis (orange).....	California.
Lepidosaphes sp. (scale insect).....	Malus sylvestris (apple).....	Hawaii.
Pheidole sp. (ant).....	Bambuseae sp.....	California.
Pseudococcus adonidum (long-tailed mealybug).....	Rosa sp. (rose).....	Do.
Pseudococcus maritimus (mealybug).....	Wisteria sp.....	Hawaii.
Pseudococcus sp. (mealybug).....	Citrus limonia (lemon).....	Do.
Rhizoglyphus sp. (mite).....	Kentia forsteriana (palm) (seed).....	Florida.
Silvanus gemellatus (Cucujidae).....	do.....	Do.
Tyroglyphus sp. (mite).....	Chrysanthemum sp.....	District of Columbia.
Diseases:		
Cladosporium herbarum.....	Caraca erosa.....	Do.
Sterigmatocystis niger.....	Allium cepa.....	California.
AZORES.		
Insects:		
Aulacaspis rosae (rose scale).....	Rosa sp. (rose).....	Massachusetts.*
Diaperis maculata (Tenebrionidae).....	Ipomoea batatas (sweet potato).....	Rhode Island.*
Fiorinia fioriniae (scale insect).....	Camellia sp. (leaves).....	Massachusetts.*
Disease:		
Sphaeronomia fimbriatum.....	Ipomoea batatas (sweet potato).....	Rhode Island.*
BAHAMA ISLANDS.		
Insects:		
Aleurocanthus woglumi (spiny citrus white fly).....	Spice leaves.....	Florida.
Do.....	Laurus sp. (?) (bay).....	Do.
Aphis rumicis (aphid).....	Bean.....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
BAHAMA ISLANDS—continued.		
Insects—Continued.		
Aspidiotus lataniae (scale insect).....	Achras sapota (sapodilla).....	Florida.
Do.....	Annona muricata (sour sop).....	Do.
Do.....	Melicocca bijuja ("guinnepe") (2).....	District of Columbia.
Do.....	Rosa sp. (rose).....	Florida.
Aspidiotus orientalis (scale insect).....	Annona squamosa (sugar apple).....	Do.
Do.....	Cocos nucifera (coconut).....	Do.
Aspidiotus spinosus (scale insect).....	Rosa sp. (rose).....	Do.
Aspidiotus subsimilis anona (scale insect).....	Annona muricata (sour sop).....	Do.
Asterolecanium pustulans (pustule scale).....	Achras sapota (sapodilla).....	Do.
Blastobasid.....	Melicocca bijuja ("guinnepe").....	District of Columbia.
Chrysomphalus dictyospermi (scale insect).....	Citrus grandis (grapefruit).....	Florida.
Do.....	Rosa sp. (rose).....	Do.
Coccus hesperidum (soft brown scale).....	do.....	Do.
Coccus sp. (scale insect).....	Achras sapota (sapodilla) (leaves).....	Do.
Do.....	Croton sp. (croton).....	Do.
Cylas formicarius (sweet-potato weevil).....	Ipomoea batatas (sweet potato) (3).....	Do.
Diapsis boisduvalii (Boisduval's scale).....	Cocos nucifera (coconut).....	Do.
Do.....	Palm.....	Do.
Diatraea saccharalis (sugar-cane moth borer).....	Saccharum officinarum (sugar cane).....	Do.
Diatraea sp. (Pyralidae).....	Zea mays (corn).....	Do.
Eusecetes batatae (West Indian sweet-potato weevil).....	Ipomoea batatas (sweet potato) (2).....	Do.
Euxesta thomae (Ortalidae).....	Zea mays (corn) (ear) (3).....	Do.
Heliothis obsoleta (corn earworm).....	do.....	Do.
Hemiclionaspis minor (scale insect).....	Annona muricata (sour sop) (2).....	Do.
Do.....	Bryophyllum sp. (Japanese lantern plant).....	Do.
Howardia biclavis (mining scale).....	Achras sapota (sapodilla).....	Do.
Do.....	Annona squamosa (sugar apple).....	Do.
Do.....	Mammea sp. (2).....	Do.
Lepidosaphes beckii (purple scale).....	Citrus grandis (grapefruit).....	Do.
Do.....	Croton sp. (croton).....	Do.
Orthezia insignis (greenhouse orthezia).....	Coleus(?).....	Do.
Pseudaonidia articulatus (scale insect).....	Chrysophyllum sp. (star apple).....	Do.
Do.....	Citrus grandis (grapefruit).....	Do.
Do.....	Melicocca bijuja ("guinnepe").....	District of Columbia.
Do.....	Rosa sp. (rose).....	Florida.
Do.....	Spice leaves.....	Do.
Do.....	Tamarindus indica (tamarind) (2).....	Do.
Do.....	Palm.....	Do.
Pseudaonidia sp. (scale insect).....	Rosa sp. (rose).....	Do.
Pseudischnaspis sp. (scale insect).....	Annona muricata (sour sop).....	Do.
Pseudococcus adonidum (long-tailed mealybug).....	Croton sp. (croton).....	Do.
Do.....	Annona muricata (sour sop) (3).....	Do.
Pseudococcus nipae (mealybug).....	Melicocca bijuja ("guinnepe").....	District of Columbia.
Pseudococcus virgatus (mealybug).....	Annona muricata (sour sop).....	Florida.
Pseudococcus sp. (mealybug).....	Unknown.....	Do.
Do.....	do.....	Do.
Pseudoparlatoria parlatorioides (scale insect).....	Wild catnip.....	Do.
Pulvinaria sp. (scale insect).....	Achras sapota (sapodilla).....	Do.
Saissetia oleae (black scale).....	Annona muricata (sour sop) (3).....	Do.
Do.....	Saccharum officinarum (sugar cane) (2).....	Do.
Targionia sacchari (scale insect).....	Croton sp. (croton).....	Do.
Tetranychus sp. (mite).....	Rosa sp. (rose).....	Do.
Do.....		
BELGIUM.		
Insects:		
Aspidiotus hederae (ivy scale).....	Unknown.....	Florida.
Dermestes cadaverinus (Dermestidae).....	In passenger's baggage.....	Pennsylvania.*
Diseases:		
Actinomyces scabies.....	Solanum tuberosum (Irish potato).....	Louisiana.*
Chaetomium elatum.....	Azalea japonica.....	District of Columbia.
Exobasidium vaccinii.....	Azalea indica.....	Do.
Do.....	Azalea sp.....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
BERMUDA.		
Insects:		
<i>Aspidiotus cyanophylli</i> (scale insect)	<i>Dracaena</i> sp.	New York City.*
<i>Aspidiotus hederae</i> (ivy scale)	<i>Nerium oleander</i> (oleander) (2)	Do.
<i>Aspidiotus</i> sp. (scale insect)	<i>Cycas</i> sp. (sago palm)	Do.
<i>Aulacaspis pentagona</i> (West Indian peach scale). Do.	<i>Nerium oleander</i> (oleander)	Do.
<i>Ceroplastes cirripediformis</i> (barnacle scale)	<i>Sedum</i> sp.	Do.
<i>Ceroplastes</i> sp. (wax scale). Do.	<i>Croton</i> sp. (croton)	Do.
<i>Chrysomphalus dictyospermi</i> (scale insect)	<i>Citharexylum spinosum</i> (fiddlewood)	Do.
<i>Coccus elongatus</i> (long soft scale)	<i>Croton</i> sp. (croton)	Do.
<i>Coccus hesperidum</i> (soft brown scale)	<i>Nerium oleander</i> (oleander)	Pennsylvania.*
<i>Coccus</i> sp. (scale insect)	<i>Palm</i>	New York City.*
<i>Diaspis bromeliae</i> (scale insect)	<i>Croton</i> sp. (croton) (3)	Do.
<i>Hemichionaspis aspidistrae</i> (aspidistra scale)	<i>Unknown tree</i>	Massachusetts.*
<i>Howardia biclavis</i> (mining scale)	<i>Croton</i> sp. (croton)	New York City.*
<i>Ischnaspis longirostris</i> (thread scale). Do.	<i>Cycas</i> sp. (sago palm)	Do.
↳ <i>Lecanium</i> sp. (scale insect). Do.	<i>do</i>	Do.
<i>Lepidosaphes beckii</i> (purple scale). Do.	<i>Hibiscus</i> sp.	Do.
<i>Morganella maskelli</i> (scale insect). Do.	<i>Palm</i> (seedling)	Do.
<i>Pheidole megacephala</i> (ant)	<i>Palm</i>	Pennsylvania.*
<i>Protopulvinaria pyriformis</i> (scale insect). Do.	<i>Aroid</i>	New York City.*
<i>Pseudococcus citri</i> (citrus mealybug). Do.	<i>Poinciana</i> (?)	Do.
<i>Saissetia hemisphaerica</i> (hemispherical scale). Do.	<i>Stephanotis</i> sp.	Do.
<i>Saissetia nigra</i> (scale insect). Do.	<i>Unknown</i>	Do.
<i>Saissetia oleae</i> (black scale). Do.	<i>Citrus aurantifolia</i> (lime)	Do.
Araecerus fasciculatus (coffee-bean weevil). Do.	<i>Citrus</i> sp. (2)	Do.
Do.	<i>Hibiscus</i> sp.	Do.
Do.	<i>Nerium oleander</i> (oleander) (2)	Do.
Do.	<i>Woody shrub</i>	Do.
Do.	<i>Bulbs</i>	Do.
Do.	<i>English ivy</i>	Do.
Do.	<i>Myrica</i> sp. (wax myrtle)	Do.
Do.	<i>Croton</i> sp. (croton)	Do.
Do.	<i>Geranium</i> sp. (geranium)	Do.
Do.	<i>Mimosa</i> sp.	Do.
Do.	<i>Unknown plant</i>	Do.
Do.	<i>Bulbs</i>	Do.
Do.	<i>Croton</i> sp. (croton)	Do.
Do.	<i>Cycas</i> sp. (sago palm)	Do.
Do.	<i>Stephanotis</i> sp.	Do.
Do.	<i>Geranium</i> sp. (geranium)	Do.
Do.	<i>Hibiscus</i> sp. (3)	Do.
Do.	<i>Hibiscus</i> sp. (?)	Do.
Do.	<i>Nerium oleander</i> (oleander)	Do.
Do.	<i>Syringa vulgaris</i> (lilac)	Do.
Do.	<i>Bryophyllum pinnatum</i>	Do.
Do.	<i>Cycas</i> sp. (sago palm) (2)	Do.
Do.	<i>Nerium oleander</i> (oleander) (2)	Do.
Caryoborus sp. (Mylabridae).	<i>Nerium oleander</i> (oleander) (?)	Do.
BRAZIL.		
Insects:		
<i>Araecerus fasciculatus</i> (coffee-bean weevil). Do.	<i>Acrococnia sclerocarpa</i> (seed)	District of Columbia.
Do.	<i>Areca triandera</i>	Do.
Do.	<i>Coffea arabica</i>	Do.
Do.	<i>Coffea</i> sp. (coffee)	Maryland.*
Do.	<i>Oreodoxa oleracea</i>	District of Columbia.
Do.	<i>Oreodoxa regia</i>	Do.
<i>Asterolecanium urichi</i> (scale insect)	<i>Guiliema speciosa</i> (palm)	Do.
<i>Carpophilus dimidiatus</i> (Nitidulidae). Do.	<i>Acrococnia sclerocarpa</i> (seed)	Do.
Do.	<i>Oreodoxa oleracea</i>	Do.
Caryoborus sp. (Mylabridae).	<i>Oreodoxa regia</i>	Do.
	<i>Areca triandera</i>	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
BRAZIL —continued.		
Insects—Continued.		
<i>Cathartus advena</i> (foreign grain beetle).....	<i>Acrocomia sclerocarpa</i> (seed).....	District of Columbia.
Do.....	<i>Oreodoxa oleracea</i>	Do.
Do.....	<i>Oreodoxa regia</i>	Do.
<i>Cerambycid</i>	<i>Solanum tuberosum</i> (Irish potato).....	Louisiana.*
<i>Chrysomphalus dictyospermi</i> (scale insect).....	Palm.....	Pennsylvania.*
<i>Coccotrypes</i> sp. (Scolytidae).....	<i>Areca triandera</i>	District of Columbia.
Do.....	<i>Lewistona rotundifolia</i>	Do.
Do.....	<i>Oreodoxa oleracea</i>	Do.
Do.....	<i>Oreodoxa regia</i>	Do.
<i>Coccus hesperidum</i> (soft brown scale).....	<i>Guliema speciosa</i> (palm).....	Pennsylvania.*
<i>Contarinia</i> sp. (Cecidomyiidae).....	<i>Holcus sorghum</i> (sorghum).....	District of Columbia.
<i>Curculionid</i> larva.....	Reed matting.....	Louisiana.*
<i>Diaspis bromeliae</i> (scale insect).....	<i>Ananas sativus</i> (pineapple).....	Pennsylvania.*
<i>Ephestia</i> sp. (Pyralidae).....	<i>Coffea</i> sp. (coffee).....	District of Columbia.
<i>Hemiclionaspis</i> sp. (scale insect).....	<i>Mucuna</i> sp.	Do.
<i>Hypothenemus</i> sp. (Scolytidae).....	<i>Acrocomia sclerocarpa</i> (seed).....	New York City.*
<i>Ichnaspis longirostris</i> (thread scale).....	Palm.....	California.
<i>Lepidosaphes beckii</i> (purple scale).....	<i>Citrus grandis</i> (grapefruit).....	Do.
Do.....	<i>Citrus sinensis</i> (orange) (2).....	District of Columbia.
<i>Pachymerus</i> sp. (Mylabridae).....	<i>Acrocomia</i> sp. ("mbocaya").....	New York City.*
<i>Pentatomid</i>	Orchids.....	District of Columbia.
<i>Pseudococcus bromeliae</i> (pineapple mealybug).....	<i>Ananas sativus</i> (pineapple).....	New York City.
<i>Pyralid</i> (Phycitinae).....	<i>Acrocomia sclerocarpa</i> (seed).....	District of Columbia.
Do.....	<i>Oreodoxa oleracea</i>	Do.
Do.....	<i>Oreodoxa regia</i>	Do.
<i>Scolytid</i>	<i>Acrocomia sclerocarpa</i> (seed).....	Do.
Do.....	<i>Chrysalidocarpus lutescens</i>	Do.
Do.....	<i>Phoenix pumilla</i> (seed).....	Do.
<i>Tetramorium simillimum</i> (ant).....	<i>Ananas sativus</i> (pineapple).....	Do.
<i>Tyroglyphid</i> (mite).....	do.....	Do.
Diseases:		
<i>Diplodia manihoti</i>	<i>Manihot utilissima</i>	New York City.*
<i>Uromyces hedysari-paniculati</i>	<i>Desmodium</i> sp.....	District of Columbia.
BRITISH EAST AFRICA.		
Disease:		
<i>Polythrincium trifolii</i>	<i>Trifolium</i> sp.....	District of Columbia.
BRITISH GUIANA.		
Insects:		
<i>Aspidiota destructor</i> (scale insect).....	Palm.....	Pennsylvania.*
<i>Caryoborus</i> sp. (Mylabridae).....	<i>Maximilliana regia</i> (nuts).....	New York City.*
<i>Howardia biclavis</i> (mining scale).....	<i>Clusia</i> sp.....	District of Columbia.
<i>Lepidosaphes</i> sp. (scale insect).....	<i>Clusia insignis</i> (cuttings).....	Do.
<i>Mecistocephalus maxillaris</i> (myriopod).....	In soil.....	Pennsylvania.*
<i>Opeas goodalli</i> (mollusk).....	do.....	Do.
<i>Orthomorpha</i> sp. (myriopod).....	do.....	Do.
<i>Philoscia</i> sp. (isopod).....	do.....	Do.
<i>Rhinocricus</i> sp. (spirobolooids).....	do.....	Do.
<i>Scutigerella immaculata</i> (myriopod).....	do.....	Do.
<i>Subulina octona</i> (mollusk).....	do.....	Do.
<i>Trichonammolens guinananus</i> (myriopod).....	do.....	Do.
BRITISH HONDURAS.		
Insects:		
<i>Buprestid</i> larva.....	<i>Attalea cohne</i> (palm nut).....	District of Columbia.
<i>Chrysomphalus dictyospermi</i> (scale insect).....	<i>Citrus aurantifolia</i> (lime).....	Florida.
<i>Lepidosaphes beckii</i> (purple scale).....	do.....	Do.
Do.....	<i>Citrus sinensis</i> (orange).....	Do.
<i>Lepidosaphes gloveri</i> (Glover's scale).....	<i>Citrus aurantifolia</i> (lime).....	Do.
<i>Parlatoria pergandei</i> (chaff scale).....	do.....	Do.
<i>Targionia sacchari</i> (scale insect).....	<i>Saccharum officinarum</i> (sugar cane).....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
BRITISH WEST INDIES.		
Insects:		
Aspidiota lataniae (scale insect).....	Achras sapota (sapodilla).....	Florida.
Aspidiota orientalis (scale insect).....	Cocos nucifera (coconut) (2).....	Do.
Asterolectium pustulans (pustule scale).....	Achras sapota (sapodilla).....	Do.
Lepidosaphes beckii (purple scale).....	Citrus aurantifolia (lime).....	New York City.*
Morganella maskelli (scale insect).....	Mangifera indica (mango).....	District of Columbia.
Targionia sacchari (scale insect).....	Saccharum officinarum (sugar cane).....	Florida.
CANADA.		
Insects:		
Chrysomphalus dictyospermi (scale insect).....	Aspidistra sp	Washington.*
Hemichionaspis aspidistrae (aspidistra scale).....	do.....	Do.
Lecanium sp. (scale insect).....	Persian walnut.....	District of Columbia.
Pseudococcus sp. (mealybug).....	do.....	Do.
CANAL ZONE.		
Insects:		
Aspidiota sp. (scale insect).....	Musa sp. (banana).....	New York City.*
Calendra linearis (Curculionidae).....	Zea mays (corn).....	California.
Calendra oryzae (rice weevil).....	do.....	Do.
Carpophilus sp. (Nitidulidae).....	Ipomoea batatas (sweet potato).....	Florida.
Carthartus gemellatus (Cucujidae).....	Zea mays (corn).....	California.
Coccotrypes dactyliperda (Scolytidae).....	Ivory nuts.....	Do.
Drosophilid.....	Persea gratissima (avocado).....	New York City.*
Lepidosaphes beckii (purple scale).....	Citrus sinensis (orange).....	California.
Monomorium pharaonis (ant).....	Zea mays (corn).....	Do.
Pseudococcus bromeliae (pineapple mealybug).....	Solanum tuberosum (Irish potato).....	Hawaii.
Stenoma catenifer (avocado stenoma).....	Persea gratissima (avocado).....	New York City.*
Pulvinaria sp. (scale insect).....	Solanum tuberosum (Irish potato).....	Hawaii.
Diseases:		
Colletotrichum gloeosporioides.....	Persea gratissima (avocado).....	New York.*
Melanconium sacchari.....	Saccharum officinarum (sugar cane).....	California.
Penicillium sp.	Garcinia xanthochymus.....	District of Columbia.
Thielaviopsis paradoxa.....	Saccharum officinarum (sugar cane).....	California.
CANARY ISLANDS.		
Insects:		
Carpophilus sp. (Nitidulidae).....	Citrus sinensis (orange).....	Florida.
Lepidosaphes beckii (purple scale).....	do.....	Do.
CAPE VERDE ISLANDS.		
Diseases:		
Aspergillus flavus.....	Saccharum officinarum (sugar cane).....	Massachusetts.
Basisporium gallarum.....	do.....	Do.
CENTRAL AMERICA.		
Insects:		
Aspidiota cyanophylli (scale insect).....	Musa sp. (banana) (96).....	Florida.
Aspidiota cydoniae (scale insect).....	Musa sp. (banana) (6).....	California.
Calendra oryzae (rice weevil).....	Zea mays (corn).....	Do.
Cathartus cassiae (Cucujidae).....	do.....	Do.
Cathartus gemellatus (Cucujidae).....	Musa sp. (banana) (4).....	Do.
Chrysomphalus aonidum (Florida red scale).....	Citrus sinensis (orange).....	Do.
Do.....	Musa sp. (banana) (12).....	Do.
Chrysomphalus scutiformis (scale insect).....	Musa sp. (banana) (5).....	Do.
Icerya purchasi (fluted scale).....	Coffea sp. (coffee) (leaves).....	Do.
Ischnaspis longirostris (thread scale).....	Citrus limonia (lemon).....	Do.
Lepidosaphes beckii (purple scale).....	Citrus sinensis (orange) (2).....	Do.
Do.....	Croton sp. (croton).....	Do.
Lepidosaphes sp. (scale insect).....	Mangifera indica (mango) (2).....	Do.
Oryzaephilus surinamensis (saw-toothed grain beetle).....	Cocos nucifera (coconut).....	Do.
Pseudaonidia articulatus (scale insect).....	Musa sp. (banana) (2).....	Do.
Do.....	Musa sp. (banana) (3).....	Do.
Pseudococcus maritimus (mealybug).....	Musa sp. (banana) (25).....	Do.
Pseudococcus sp. (mealybug).....		

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
CENTRAL AMERICA—continued.		
Diseases:		
Aspergillus niger.....	Garcinia xanthochymus.....	District of Columbia.
Cladosporium citri.....	Citrus aurantiifolia (lime).....	Florida.
Penicillium sp.....	Garcinia xanthochymus.....	District of Columbia.
Phomopsis citri.....	Citrus sinensis (orange).....	California.*
CEYLON.		
Insects:		
Aspidiota destructor (scale insect).....	Cocos nucifera (coconut).....	Hawaii.
Necrobia rufipes (red-legged ham beetle).....	Copra (coconut).....	Massachusetts.*
Tribolium ferrugineum (rust-red flour beetle).....	do.....	Do.
CHILE.		
Insects:		
Aspidiota camelliae (greedy scale).....	Lithraea caustica (leaves).....	District of Columbia.
Aspidiota sp. (scale insect).....	do.....	Do.
Do.....	Malus sylvestris (apple).....	Do.
Chrysomphalus sp. (scale insect).....	Lithraea caustica (leaves).....	Do.
Coccotrypes dactyliperda (Scolytidae).....	Phoenix sp. (date) (seeds) (2).....	Florida.
Fucellia maritima (Anthomyiidae).....	Fan palm.....	Massachusetts.*
Lepidosaphes ulmi (oyster-shell scale).....	Malus sylvestris (apple).....	District of Columbia.
Mylabris sp. (Mylabridae).....	Acacia cavenia (pod).....	District of Columbia.
Oryzaephilus surinamensis (saw-toothed grain beetle).....	Phoenix sp. (date).....	Florida.
Phthorimaea operculella (potato tuber moth).....	Solanum tuberosum (Irish potato) (2).....	California.
Do.....	do.....	Louisiana.*
Saissetia oleae (black scale).....	Tricuspidaria dependens.....	District of Columbia.
Sitodrepa panicea (drug-store beetle).....	Lycopersicum esculentum (tomato).....	Do.
Tribolium ferrugineum (rust-red flour beetle).....	Phoenix sp. (date).....	Florida.
Diseases:		
Bacterium tumefaciens.....	Malus sylvestris (apple).....	District of Columbia.
Cephalothecium roseum.....	Bollota mierci.....	Do.
Do.....	Citrus sp.....	Do.
Fusarium sp.....	do.....	Do.
Puccinia graminis.....	Poaceae.....	Do.
CHINA.		
Insects:		
Aphis sp.....	Caladium sp. (2).....	Hawaii.
Aulacaspis rosae (rose scale).....	Rosa sp. (rose).....	Oregon.*
Calendra granaria (granary weevil).....	Narcissus sp. (bulbs).....	California.
Do.....	Packing around narcissus bulbs.....	Do.
Calendra oryzae (rice weevil).....	Glycine soja (soybean).....	District of Columbia.
Do.....	Oryza sativa (rice) (seed) (5).....	Do.
Do.....	Rice hull packing.....	California..
Cathartus advena (foreign grain beetle).....	Zea mays (corn).....	District of Columbia.
Cathartus sp. (Cucujidae).....	Dioscorea sp. (yam).....	California.
Chaetococcus bambusae (scale insect).....	Narcissus sp. (bulbs).....	Do.
Curculionid.....	Bambusa sp. (bamboo).....	District of Columbia.
Cylas formicarius (sweet-potato weevil).....	Ormosia hosiei (seed).....	Do.
Dermestes sp. (Dermestidae).....	Ipomoea batatas (sweet potato).....	Hawaii.
Do.....	Dried mushrooms.....	California.
Epeorus elutella (Pyralidae).....	Unknown.....	Oregon.*
Eusceptes batatae (West Indian sweet-potato weevil).....	Medicinal herbs.....	California.
Hemiclionaspis aspidistrae (aspidistra scale).....	Dioscorea sp. (yam).....	Do.
Do.....	Citrus grandis (grapefruit).....	Hawaii.
Laemophloeus ferrugineus (Cucujidae).....	Palm.....	Pennsylvania.*
Lasioderma serricorne (cigarette beetle).....	Oryza sativa (rice) (seed).....	District of Columbia.
Lepidosaphes beckii (purple scale).....	Panax quinquefolium (ginseng).....	Oregon.*
Lepidosaphes gloverii (Glover's scale).....	Citrus grandis (grapefruit) (2).....	Hawaii.
Lophocateres pusillus (Siamese grain beetle).....	Citrus grandis (grapefruit).....	Do.
Minthea rugicollis (Lyctidae).....	Oryza sativa (rice) (seed) (3).....	District of Columbia.
	Medicinal herbs.....	California.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
CHINA—continued.		
Insects—Continued.		
Mylabris chinensis (Mylabridae).....	Beans.....	Hawaii.
Do.....	Unknown seed.....	District of Columbia.
Necrobia rufipes (red-legged ham beetle).....	Gossypium sp. (cotton).....	New York City.*
Necrobia sp. (Cleridae).....	Unknown.....	Oregon.*
Odonaspis inusitata (scale insect).....	Bambusa sp. (bamboo).....	California.
Do.....	do.....	District of Columbia.
Oryzaephilus surinamensis (saw-toothed grain beetle).....	Trapa natans (water chestnuts).....	Pennsylvania.*
Palorus sp. (Tenebrionidae).....	Gossypium sp. (cotton seed).....	Massachusetts.*
Parlatoria pergandei (chaff scale).....	Citrus grandis (grapefruit).....	California.
Do.....	do.....	Hawaii.
Parlatoria zizyphus (scale insect).....	Citrus grandis (grapefruit) (4).....	Do.
Do.....	Citrus sinensis (orange).....	Oregon.*
Pheidole sp. (ant).....	Trapa natans (water chestnuts).....	California.
Phthorimaea operculella (potato tuber moth).....	Solanum tuberosum (Irish potato).....	Hawaii.
Pseudococcus comstocki (mealybug).....	Citrus nobilis (tangerine).....	Do.
Do.....	Lychee tree.....	Do.
Do.....	Pyrus serotina (sand pears).....	Do.
Do.....	In soil.....	Do.
Ptinus brunneus (Ptinidae).....	Trapa natans (water chestnuts).....	Pennsylvania.*
Pyralid larva.....	Dioscorea sp. (yam).....	Do.
Rhizoglyphus hyacinthi (bulb mite).....	Narcissus sp. (bulbs).....	New York City.*
Tinea sp. (Tineidae).....	Mushroom, dried.....	California.
Tribolium confusum (confused flour beetle).....	Unknown.....	District of Columbia.
Tribolium sp. (Tenebrionidae).....	Gossypium sp. (cotton seed).....	Massachusetts.*
Diseases:		
Actinomyces scabies.....	Solanum tuberosum (Irish potato).....	Do.
Bacterium citri.....	Citrus grandis (grapefruit).....	California.*
Cladosporium citri.....	Citrus nobilis (tangerine).....	Hawaii.
Colletotrichum graminicolum.....	Avena sativa.....	Maryland.*
Cephalothecium roseum.....	Allium sativum.....	Texas.
Gibberella saubinetii.....	Avena sativa.....	Maryland.*
Meliola sp......	Citrus grandis (grapefruit).....	Oregon.*
Mosaic.....	Phyllostachys pubescens.....	District of Columbia.
Phoma citricarpa.....	Citrus sinensis (orange).....	Washington.*
Phomopsis citri.....	Citrus grandis (grapefruit).....	Hawaii.
Do.....	Citrus sp.....	Washington.*
Pseudomonas citri.....	Citrus sinensis (orange).....	Do.
Puccinia sp.....	Avena sativa.....	Maryland.*
Ustilagoidea oryzae.....	Oryza sativa (rice).....	District of Columbia.
COCHIN CHINA.		
Diseases:		
Cytospora sacchari.....	Saccharum officinarum (sugar cane)	District of Columbia.
Diplodia cacaoicola.....	do.....	Do.
COLOMBIA.		
Insects:		
Araecerus fasiculatus (coffee-bean weevil).....	Orchid.....	District of Columbia.
Aspidiotus destructor (scale insect).....	Cocos nucifera (coconut palm).....	New York City.*
Aspidiotus sp. (scale insect).....	Cattleya spp.....	District of Columbia.
Do.....	Orchid.....	Do.
Ceramidia butleri (Amatidae).....	Musa sp. (banana) (in shipment).....	Maryland.*
Crematogaster sp. (ant).....	Cattleya gigas sanderiana.....	District of Columbia.
Curculionid larva.....	Orchid.....	Do.
Diaspis bromeliae (scale insect).....	Cattleya trianae copayan.....	Do.
Do.....	Cattleya spp.....	Do.
Geotomus sp. (Cydnidae).....	Orchid.....	Do.
Hypothenemus sp. (Scolytidae).....	Corn cob.....	Do.
Lyctocoris sp. (Anthocoridae).....	Orchid.....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
COLOMBIA—continued.		
Insects—Continued.		
Mylabris obtectus (bean weevil).....	Vicia faba.....	District of Columbia.
Mylabris sp. (Mylabridae).....	Cassia tomentosa.....	Do.
Do.....	Cassia sp. (seed).....	Do.
Olyntha sp. (Embiidae).....	Orchid.....	Do.
Periplaneta australasiae (roach).....	do.....	Do.
Phycitid.....	Gossypium sp. (cotton seed).....	Louisiana.*
Pseudococcus sp. (mealybug).....	Cattleya gigas sanderiana.....	District of Columbia.
Do.....	Orchid.....	Do.
Pseudomops sp. (Locustidae).....	Cattleya gigas sanderiana.....	Do.
Diseases:		
Aspergillus repens.....	Cassia sp.....	Do.
Gloeosporium sp.....	Datura sp.....	Do.
Do.....	Phyllocactus.....	Do.
Rhizoctonia solani.....	Solanum tuberosum (Irish potato).....	Do.
Ustilago hordei.....	Hordeum sp.....	Do.
COOK ISLAND.		
Insects:		
Chrysomphalus aonidum (Florida red scale)	Cocos nucifera (coconut).....	California.
Lepidosaphes beckii (purple scale).....	Citrus sinensis (orange).....	Do.
Lepidosaphes sp. (scale insect).....	Cocos nucifera (coconuts).....	Do.
Ripersia palmarum (scale insect).....	Do.....	Do.
COSTA RICA.		
Insects:		
Conotrachelus sp. (Curculionidae).....	Persea frigida.....	District of Columbia.
Forficulid.....	Unknown plant.....	Florida.
Lepidosaphes beckii (purple scale).....	Citrus sinensis (orange).....	California.
Metamasius sericeus (Curculionidae).....	Musa sp. (banana).....	New York City.*
Prenolepis sp. (ant).....	do.....	Massachusetts.*
Stenoma sp. (Stenomatidae).....	Persea gratissima (avocado).....	New York City.*
Disease:		
Colletotrichum gloeosporioides.....	do.....	District of Columbia.
CUBA.		
Insects:		
Alegoria dilatata (Tenebrionidae).....	Musa sp. (banana).....	Pennsylvania.*
Aleurocanthus woglumi (spiny citrus white fly).....	Citrus sp. (3).....	Florida.
Aleurothrixus howardi (woolly white fly).....	Citrus sp. (2).....	Do.
Anastrepha fraterculus (West Indian fruit fly).....	Cuban plums.....	Do.
Do.....	Mangifera indica (mango).....	Do.
Aspidiotus cyanophylli (scale insect).....	Eucalyptus.....	Do.
Aspidiotus destructor (scale insect).....	Cocos nucifera (coconut) (20)	Do.
Do.....	Musa sp. (banana) (2).....	Do.
Do.....	do.....	Pennsylvania.*
Do.....	Psidium guajava (guava).....	Florida.
Do.....	Unknown (2).....	Do.
Aspidiotus hederae (ivy scale).....	Musa sp. (banana) (2).....	Do.
Do.....	Palm.....	Do.
Aspidiotus lataniae (scale insect).....	Areca sp. (palm).....	Do.
Do.....	Cocos nucifera (coconut).....	Do.
Aspidiotus orientalis (scale insect).....	Musa sp. (banana).....	Do.
Do.....	Unknown (4).....	Do.
Do.....	Cocos nucifera (coconut) (45).....	Do.
Do.....	Palm (2).....	Do.
Aspidiotus subsimilis anoneae (scale insect).....	Palm (seed).....	Do.
Do.....	Unknown.....	Do.
Aspidiotus sp. (scale insect).....	Areca sp. (palm).....	Do.
Asterolecanium pustulans (pustule scale).....	Unknown (2).....	Do.
Bephrauta cubensis (chalcid).....	Unknown plant.....	Maryland.*
Cepolis alauda (snail).....	Spanish bayonet.....	Florida.
	Jamaica apple.....	Do.
	Musa sp. (banana).....	Maryland.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
CUBA—continued.		
Insects—Continued.		
Ceroplastes sp. (wax scale).....	Unknown tree.....	Florida.
Chionaspis citri (scale insect).....	Citrus sinensis (orange).....	New York City.*
Chrysomphalus aonidum (Florida red scale).....	Citrus sp. (2).....	Florida.
Do.....	Oreodoxa regia.....	Do.
Chrysomphalus aonidum (Florida red scale).....	Palm.....	Do.
Chrysomphalus dictyospermi (scale insect).....	do.....	Do.
Do.....	Unknown tree.....	Do.
Coccotrypes sp. (Scolytidae).....	Palm (seeds).....	Do.
Do.....	Unknown seeds.....	Do.
Coccus acuminatus (scale insect).....	Jasminum sp. (jasmine) (2).....	Do.
Do.....	Unknown.....	Do.
Coccus hesperidum (soft brown scale).....	Citrus nobilis (tangerine).....	Do.
Do.....	Citrus sp. (2).....	Do.
Do.....	Citrus sp.....	Louisiana.*
Do.....	Euphorbia pulcherrima (poinsettia).....	Florida.
Do.....	Unknown.....	Do.
Coccus sp. (scale insect).....	Achras sapota (sapodilla).....	Do.
Do.....	Areca sp. (palm).....	Do.
Do.....	Jasminum sp. (jasmine).....	Do.
Cryptoptilum antillarum (cricket).....	Ananas sativus (pineapple).....	Louisiana.*
Cylas formicarius (sweet-potato weevil).....	Ipomoea batatas (sweet potato) (4).....	Florida.
Do.....	Ipomoea batatas (sweet potato).....	Mississippi.
Do.....	do.....	New York City.*
Cylas formicarius elegantulus (Curculionidae).....	Cactus.....	Louisiana.*
Dactylopius sp. (scale insect).....	Citrus sp.....	Florida.
Desmometopa tarsalis (Agromyzidae).....	Citrus sinensis (orange).....	Louisiana.*
Dialeurodes citrifolii (cloudy-winged white-fly).....		Florida.
Do.....	Citrus sp. (4).....	Do.
Diaspis boisduvalii (Boisduval's scale).....	Cocos nucifera (coconut) (14).....	Do.
Diaspis bromeliae (scale insect).....	Ananas sativus (pineapple) (3).....	California.
Do.....	Musa sp. (banana).....	Pennsylvania.*
Diatraea saccharalis (sugar-cane moth borer).....	Saccharum officinarum (sugar cane) (6).....	Florida.
Diatraea sp. (Pyralidae).....	Saccharum officinarum (sugar cane) (8).....	Do.
Do.....	Saccharum officinarum (sugar cane).....	Pennsylvania.*
Drosophila sp. (Drosophilidae).....	Mangifera indica (mango).....	Florida.
Frankliniella cephalica masoni (thrips).....	Unknown tree.....	Do.
Haplothrips merrilli (thrips).....	Cocos nucifera (coconut) (2).....	Do.
Heliothis obsoleta (cotton bollworm).....	Lycopersicum esculentum (tomatoes).....	Louisiana.*
Do.....	Zea mays (corn) (2).....	Florida.
Hemiclionaspis minor (scale insect).....	Annona muricata (sour sop) (3).....	Do.
Do.....	Areca (palm).....	Do.
Do.....	Cocos nucifera (coconut) (3).....	Do.
Do.....	Unknown (2).....	Do.
Hemiclionaspis sp. (scale insect).....	Unknown.....	Do.
Howardia biclavis (mining scale).....	Achras sapota (sapodilla).....	Do.
Do.....	Deciduous plant.....	Do.
Do.....	Mammea americana (mamey apple).....	Do.
Do.....	Unknown (2).....	Do.
Ischnaspis longirostris (thread scale).....	Palm.....	Do.
Laemophloeus pusillus (Cucujidae).....	Zea mays (corn).....	Do.
Laemophloeus sp. (Cucujidae).....	Saccharum officinarum (sugar cane).....	Do.
Lepidosaphes beckii (purple scale).....	Citrus aurantifolia (lime).....	Do.
Do.....	Citrus grandis (grapefruit).....	California.
Do.....	Citrus nobilis (tangerine) (2).....	Florida.
Do.....	Citrus sinensis (orange) (2).....	Do.
Do.....	do.....	New York City.*
Lepidosaphes gloverii (Glover's scale).....	Citrus sp. (12).....	Florida.
Lepidosaphes sp. (scale insect).....	Citrus sp.....	Louisiana.*
Leptocera sp. (Borboridae).....	do.....	Florida.
	Cocos nucifera (coconut).....	Do.
	Ananas sativus (pineapple).....	Louisiana.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
CUBA—continued.		
Insects—Continued.		
Metamasius sericeus (Curculionidae).....	Saccharum officinarum (sugar cane).....	Pennsylvania.*
Mylabris quadrimaculatus (four-spotted bean weevil).....	Cajanus indicus.....	District of Columbia.
Orthomorpha coarctata (diplopod).....	Musa sp. (banana).....	Pennsylvania.*
Pachnaeus sp. (Curculionidae).....	Unknown.....	Florida.
Pachymerus gleditsiae (Mylabridae).....	Seeds (unknown).....	Do.
Parlatoria pergandei (chaff scale).....	Citrus sp.....	Do.
Do.....	"Tieza" leaf.....	Do.
Periplaneta australasiae (roach).....	Musa sp. (banana).....	Pennsylvania.*
Periplaneta sp. (roach).....	Ipomoea batatas (sweet potato).....	Do.
Pheidole megacephala (ant).....	Ananas sativus (pineapple).....	Louisiana.*
Pheidole sp. (ant).....	do.....	Pennsylvania.*
Phenacaspis sp. (scale insect).....	Unknown plant.....	Maryland.*
Plodia interpunctella (Indian meal moth).....	Unknown plant (Randia sp.?).....	New York City.*
Prenolepis sp. (ant).....	Ananas sativus (pineapple).....	California.
Psammoecus desjardinsi (Cucujidae).....	Musa sp. (banana).....	Pennsylvania.*
Pseudaonidia articulatus (scale insect).....	Citrus sinensis (orange).....	Florida.
Do.....	Citrus sp.....	Do.
Do.....	do.....	Louisiana.*
Do.....	Croton sp. (croton).....	Florida.
Do.....	Palm.....	Do.
Do.....	Tamarindus indica (tamarind).....	Do.
Do.....	"Tieza" leaf.....	Do.
Do.....	Unknown tree.....	Do.
Pseudaonidia tesserata (scale insect).....	Unknown legume.....	Do.
Pseudischnaspis alienus (scale insect).....	Areca sp. (palm).....	Do.
Do.....	do.....	Do.
Do.....	Spanish bayonet.....	Do.
Pseudococcus adonidum (long-tailed mealybug).....	Spanish lime.....	Do.
Pseudococcus bromeliae (pineapple mealybug).....	Unknown (2).....	Do.
Do.....	Ananas sativus (pineapple) (8).....	California.
Pseudococcus citri (citrus mealybug).....	Ananas sativus (pineapple) (2).....	Louisiana.*
Pseudococcus nipa (palm mealybug).....	Saccharum officinarum (sugar cane).....	Pennsylvania.*
Do.....	Annona squamosa (sugar apple).....	Do.
Do.....	Oreodoxa regia (royal palm).....	Florida.
Pseudococcus sacchari (sugar cane mealybug).....	Palm.....	Do.
Pseudococcus sp. (mealybug).....	Saccharum officinarum (sugar cane) (2).....	Do.
Do.....	Ananas sativus (pineapple).....	New York City.*
Do.....	Cactus.....	Florida.
Do.....	Citrus sp.....	Do.
Do.....	Musa sp. (banana).....	Do.
Do.....	do.....	Pennsylvania.*
Pseudoparlatoria parlatorioides (scale insect).....	Psidium guajava (guava).....	Florida.
Pyralid.....	Unknown (2).....	Do.
Saissetia hemisphaerica (hemispherical scale).....	Hibiscus sp.....	Do.
Do.....	Cajanus indicus ("Grandul").....	District of Columbia.
Do.....	Annona muricata (sour sop) (2).....	Florida.
Saissetia oleae (black scale).....	Cycas sp. (sago palm).....	Do.
Do.....	do.....	Massachusetts.*
Do.....	Unknown plant (2).....	Florida.
Do.....	Annona muricata (soup sop).....	Do.
Do.....	Deciduous plant.....	Do.
Do.....	Devil pumpkin.....	Do.
Do.....	Gossypium sp. (cotton).....	Do.
Do.....	Mangifera indica (mango).....	Do.
Saissetia sp. (scale insect).....	Unknown tree.....	Do.
Sciara sp. (Mycetophilidae).....	Citrus sp.....	Louisiana.*
Scolytid.....	do.....	Do.
Targionia sacchari (scale insect).....	Unknown seeds.....	Florida.
	Saccharum officinarum (sugar cane) (3)....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
CUBA—continued.		
Insects—Continued.		
Tetranychus sp. (mite).....	Croton sp. (croton).....	Florida.
Do.....	Rosa sp. (rose).....	Do.
Thyreocoris incertus (Corimeloididae).....	Musa sp. (banana).....	New York City.*
Tribolium confusum (confused flour beetle).....	Saccharum officinarum (sugar cane).....	Pennsylvania.*
Vinsonia stellifera (star scale).....	Unknown.....	Florida.
Diseases:		
Black mélanoze.....	Citrus grandis (grapefruit).....	Do.
Do.....	Citrus nobilis (tangerine) (2).....	Do.
Cephalosporium sp.....	Zea mays (Corn).....	Do.
Cladosporium sp.....	Citrus sp.....	Do.
Colletotrichum sp.....	Crassulaceae.....	Do.
Diplodia coccocarpa.....	Cocos nucifera (coconut) (4).....	Do.
Melanconium sacchari.....	Saccharum officinarum (sugar cane).....	District of Columbia.*
Do.....	do.....	Pennsylvania.*
Thielaviopsis paradoxa.....	Saccharum officinarum (sugar cane).....	Florida.
Do.....	Saccharum officinarum (sugar cane) (2).....	Pennsylvania.
CZECHOSLOVAKIA.		
Insects:		
Lecanium coryli (scale insect).....	Malus sylvestris (apple) (scions).....	District of Columbia.
Do.....	Prunus cerasus (cherry) (scions).....	Do.
Do.....	Prunus sp. (prune) (cuttings).....	Do.
Lecanium sp. (scale insect).....	Malus sylvestris (apple) (scions).....	Do.
Do.....	Prunus sp. (cuttings) (prune).....	Do.
Lepidosaphes ulmi (oyster-shell scale).....	Malus sylvestris (apple) (scions).....	Do.
Do.....	Pyrus communis (pear) (cuttings) (2).....	Do.
DENMARK.		
Diseases:		
Actinomyces scabie.....	Solanum tuberosum (Irish potato).....	Georgia.*
Do.....	do.....	Louisiana.*
Claviceps microcephala.....	Phleum pratense.....	District of Columbia.
Claviceps purpurea.....	Elymus giganteus.....	Do.
Fusarium sp.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Mycosphaerella fragariae.....	Fragaria sp.....	New York City.*
Phytophthora infestans.....	Solanum tuberosum (Irish potato).....	Georgia.*
Do.....	do.....	Louisiana.*
Puccinia graminis.....	Aegilops triticoides.....	District of Columbia.
DOMINICAN REPUBLIC.		
Insects:		
Chrysomphalus dictyospermi (scale insect).....	Citrus aurantifolia (lime).....	Florida.
Diapsis echinocacti opuntiae (scale insect).....	Cactus plants.....	District of Columbia.
Diatraea sp. (Pyralidae).....	Saccharum officinarum (sugar cane).....	Pennsylvania.*
Lepidosaphes beckii (purple scale).....	Citrus aurantifolia (lime).....	Florida.
Monomorium floridana (ant).....	Saccharum officinarum (sugar cane).....	Pennsylvania.*
Ortalid.....	Annona muricata (sour sop).....	New York City.*
Orthaea vincta (Lygaeidae).....	Chloris sp.....	District of Columbia.
Pseudococcus sp. (mealybug).....	Dioscorea sp. (yam).....	Florida.
Disease:		
Thielaviopsis paradoxa.....	Saccharum officinarum (sugar cane).....	Pennsylvania.*
ECUADOR.		
Insects:		
Aspidiotus lataniae (scale insect).....	Citrus sinensis (orange).....	Florida.
Do.....	Persea gratissima (avocado) (3).....	District of Columbia.
Do.....	Prunus salicifoli (Ambabta cherry) (2).....	Do.
Do.....	Pyrus communis (pear).....	Do.
Do.....	Rubus glaucus.....	Do.
Aspidiotus subsimilis (scale insect).....	Persea gratissima (avocado).....	Do.
Aspidiotus sp. (scale insect).....	Persea gratissima (avocado) (2).....	Do.
Calendra oryzae (rice weevil).....	Zea mays (corn).....	Do.
Chrysomphalus sp. (scale insect).....	Solanum muricatum (melon pear).....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
ECUADOR—continued.		
Insects—Continued.		
Curculionid.....	Solanum tuberosum ("yungara" potato).	District of Columbia.
Ephestia sp. (Pyralidae).....	Theobroma cacao (beans).	California.
Howardia biclavis (mining scale).....	Persea gratissima (avocado).	District of Columbia.
Lepidosaphes gloverii (Glover's scale).....	Citrus sinensis (orange).	Florida.
Lepidosaphes sp. (scale insect).....	Carica sp. (papaya).	District of Columbia.
Pseudaonidia sp. (scale insect).....	Persea gratissima (avocado).	Do.
Pseudococcus bromeliae (pineapple mealybug).....	do.	Do.
Tyroglyphus sp. (mite).....	Ananas sativus (pineapple).	Do.
Diseases:		
Bacterium tumefaciens.....	Manetti rose stock.	Connecticut.
Cephalothecium roseum.....	Solanum muricatum (melon pear).	District of Columbia.
Colletotrichum gloeosporioides.....	Persea gratissima (avocado).	Do.
Diplodia cacaoicola.....	Persea gratissima (avocado) (4).	Do.
Diplodia sp.....	Chorisia speciosa.	California.*
EGYPT.		
Insects:		
Anthicid.....	Gossypium sp. (cotton) ("Assili")	District of Columbia.
Aspidiotus lataniae (scale insect).....	Palm.	Pennsylvania.*
Pectinophera gossypiella (pink bollworm).....	Gossypium sp. (cotton) ("Assili")	District of Columbia.
Do.....	Gossypium sp. (cotton) (Egyptian)	Do.
Do.....	Gossypium sp. (cotton seed) (4)	Do.
Phoenicococcus marlatti (phoenicococcus scale).....	Phoenix dactylifera (date palm).	California.
Thrips communis pulla (thrips).....	Palm.	Pennsylvania.*
ENGLAND.		
Insects:		
Aegeria tipuliformis (Aegeriidae).....	Ribes sp. (currant).	District of Columbia.
Agriolimax agrestis nigra (slug).....	In soil.	Pennsylvania.*
Agriolimax agrestis reticulata (slug).....	do.	Do.
Anuraphis tulipae (Aphididae).....	Iris sp. (Iris).	District of Columbia.
Aspidiotus hederae (ivy scale).....	Orchid.	Do.
Do.....	Palm.	New York City.*
Do.....	do.	Pennsylvania.*
Athous sp. (Elateridae).....	In soil.	Do.
Aulacaspis rosae (rose scale).....	Rosa sp. (Rose).	District of Columbia.
Campodea staphylinus (Thysanura).....	In soil.	Pennsylvania.*
Cathartus advena (foreign grain beetle).....	Miscellaneous plants.	Do.
Cionella lubrica (mollusk).....	In soil.	Do.
Coccus hesperidum (soft brown scale).....	Orchid.	District of Columbia.
Coccus sp. (scale insect).....	Tricuspидaria dependens	Pennsylvania.*
Curculionid.....	In soil.	District of Columbia.
Diaspis boisduvalii (Boisduval's scale).....	Orchid (2).	Do.
Diaspis bromeliae (scale insect).....	Orchid.	Do.
Elaterid larva.....	Iris sp. (Iris).	Do.
Emphytus cinctus (sawfly).....	Manetti rose stocks (2).	Connecticut.
Do.....	Manetti rose stocks (8).	Illinois.
Do.....	Manetti rose stocks (3).	Indiana.
Do.....	Manetti rose stocks.	Massachusetts.
Do.....	Manetti rose stocks (2).	Pennsylvania.
Epochra sp. (Tryptidae).....	In soil.	Pennsylvania.*
Gelechiid.....	Prunus sp. (damson).	District of Columbia.
Lecaniine (scale insect).....	Worcester berry (cuttings).	Do.
Lepidosaphes tuberculata (scale insect).....	Orchid.	Do.
Lepidosaphes ulmi (oyster-shell scale).....	Cotoneaster sp. ("Forrest").	Do.
Do.....	Crataegus rosea plena.	Do.
Do.....	Pyrus salicifolia.	Do.
Lepidosaphes sp. (scale insect).....	Cymbidium.	Pennsylvania.*
Leptocera sp. (Borboridae).....	In soil.	District of Columbia.
Mycetophilid.....	Iris sp. (iris).	Pennsylvania.*
Myzocalles sp. (Aphididae).....	Grossularia sp.	Do.
Myzus persicae (green peach louse).....	Chrysanthemum sp.	Pennsylvania.
Olethreutid.....	Grossularia sp.	

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
ENGLAND—continued.		
Insects—Continued.		
Ortalid.....	In soil.....	Pennsylvania.
Orthezia sp. (scale insect).....	Fern.....	Do.
Pectinophora gossypiella (pink bollworm).....	Gossypium sp. (cotton seed).....	New York City.*
Pseudococcus gahani (mealybug).....	Tricuspidaria dependens.....	District of Columbia.
Pseudococcus nipae (palm mealybug).....	Palm (2).....	Pennsylvania.*
Do.....	Palm.....	New York City.*
Saissetia hemisphaerica (hemispherical scale).....	Ornamental plant?.....	Pennsylvania.*
Tetranychus telarius (red spider).....	Dianthus caryophyllus (carnation).....	District of Columbia.
Thrips communis pulla (thrips).....	Chrysanthemum sp.....	Pennsylvania.*
Tortricid.....	Prunus sp. (damson).....	District of Columbia.
Tyroglyphus sp. (mite).....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Diseases:		
Actinomyces scabies.....	do.....	Maryland.*
Do.....	do.....	Massachusetts.*
Bacterium tumefaciens.....	Rosa sp. (rose).....	Indiana.
Botrytis cinerea.....	Rosa sp. (rose) (2).....	District of Columbia.
Botrytis parasitica.....	Iris sp. (iris) (6).....	Do.
Cladosporium herbarum.....	Iris sp. (iris).....	Do.
Colletotrichum cincta.....	Orchidaceae.....	California.*
Colletotrichum gloeosporioides.....	Clusia grandiflora.....	District of Columbia.
Do.....	Dianthus caryophyllus (carnation) (2).....	Do.
Fusarium sp.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Heterosporium echinulatum.....	Dianthus caryophyllus (carnation).....	District of Columbia.
Macrosporium sp.....	Dianthus caryophyllus (carnation) (2).....	Do.
Oospora pustulans.....	Solanum tuberosum (Irish potato).....	Louisiana.*
Phytophthora infestans.....	Solanum tuberosum (Irish potato) (2).....	Massachusetts.*
Do.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Rhizoctonia solani.....	do.....	Maryland.*
Sclerotium compactum.....	Iris sp. (iris).....	District of Columbia.
Spongospora solani.....	Solanum tuberosum (Irish potato).....	Florida.
Spongospora subterranea.....	do.....	Do.
Do.....	do.....	Pennsylvania.*
Vermicularia dematium.....	Iris sp. (iris) (2).....	District of Columbia.
FEDERATED MALAY STATES.		
Insects:		
Aspidiotus cocotiphagus (scale insect).....	Cocos nucifera (coconut).....	District of Columbia.
Lepidosaphes sp. (scale insect).....	do.....	Do.
Rhizoglyphus sp. (mite).....	do.....	Do.
FINLAND.		
Insect:		
Lachnid sp. (Aphididae).....	Pinus sp. (pine).....	Pennsylvania.*
FRANCE.		
Insects:		
Acrastrichis sp. (Ptiliidae).....	Ribes sp. (currant).....	District of Columbia.
Acronycta rumicis (sorrel cutworm).....	Cydonia oblonga (quince) (2).....	Iowa.
Do.....	Manetti rose stock.....	Pennsylvania.*
Do.....	Prunus cerasus (cherry).....	Iowa.
Acronycta sp. (Noctuidae).....	Manetti rose stock.....	Do.
Agrius viridis fagi (Buprestidae).....	do.....	New York City.*
Anuraphis tulipae (Aphididae).....	Iris sp. (iris).....	Iowa.
Apatela auricoma (dagger-moth).....	Cydonia oblonga (quince).....	Do.
Do.....	Manetti rose stock.....	Do.
Do.....	Prunus cerasus (cherry).....	Do.
Do.....	Pyrus communis (pear).....	Nebraska.
Aporia crataegi (white tree pierid) (nests).....	Cydonia oblonga (quince) (2).....	New York.
Do.....	Malus sylvestris (apple) (2).....	Iowa.
Do.....	Malus sylvestris (apple) (4).....	Indiana.
Do.....	Malus sylvestris (apple).....	Pennsylvania.*
Do.....	do.....	Pennsylvania.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
FRANCE—continued.		
Insects—Continued.		
Aporia crataegi (white tree pierid) (nests)	Myroblan stock (plum).	Iowa.
Do.	do.	Nebraska.
Do.	Nursery stock.	Connecticut.
Do.	Pyrus communis (pear).	Indiana.
Do.	do.	Nebraska.
Do.	do.	New York.
Do.	Pyrus communis (pear) (3).	Iowa.
Aporia sp. (Papilionidae)	Malus sylvestris (apple).	New York.
Arctiid.	Fruit tree stock.	California.
Aspidiotus hederae (ivy scale)	Furcrea bedingansii.	District of Columbia.
Do.	Jasminum vinieris grandiflora.	Do.
Aspidiotus perniciosus (San Jose scale)	Malus sylvestris (apple).	Texas.
Aulacaspis pentagona (West Indian peach scale).	Manetti rose stock.	Pennsylvania.*
Aulacaspis sp. (scale insect)	do.	Pennsylvania.
Balaninus glandium (Curculionidae)	Quercus ilex (oak).	District of Columbia.
Balaninus sp. (Curculionidae)	Quercus pubescens (seed).	Do.
Calophasia lunula (Noctuidae)	Manetti rose stock.	Connecticut.
Do.	Prunus cerasus (cherry).	Indiana.
Carpophilus hemipterus (Nitidulidae)	Lilium canadense (bulbs).	Pennsylvania.*
Cathartus advena (foreign grain beetle)	Unknown bulbs.	California.
Cecidomyid.	Hydrangea hortensis ("La Marne").	District of Columbia.
Ceratina sp. (Ceratinidae)	Manetti rose stock.	Do.
Do.	do.	Pennsylvania.*
Chionaspis salicis (willow scale)	Ribes sp. (currant).	District of Columbia.
Chrysomphalus dictyospermi (scale insect)	Citrus sinensis (orange).	Florida.
Do.	Jasminum vinieris grandiflora.	District of Columbia.
Coccophyes dactyliperda (Scolytidae)	Chaemarrops elegans (palm) (seed).	Louisiana.*
Coccus sp. (scale insect)	Sarcococcus hookeriana.	District of Columbia.
Cryptothrips dentipes (thrips)	Lilium sandatum (bulbs).	New York City.*
Emphytus cinctus (sawfly)	Manetti rose stock (2).	Connecticut.
Do.	Manetti rose stock	Pennsylvania.*
Do.	do.	Pennsylvania.
Do.	do.	Massachusetts.
Emphytus sp. (Emphytinae)	Ribes sp. (currant).	District of Columbia.
Epidiaspis piricola (European pear scale)	Crataegus oxyacantha (trees).	Do.
Euproctis chrysorrhoea (brown-tail moth) (nests)	Cydonia oblonga (quince) (2).	Texas.
Do.	Cydonia oblonga (quince).	Connecticut.
Do.	do.	New York.
Do.	Fruit stocks (3).	New York City.*
Do.	Fruit stocks.	California.
Do.	do.	Iowa.
Do.	do.	Maryland.
Do.	do.	North Carolina.
Do.	do.	Connecticut.
Do.	do.	New York.
Do.	do.	Ohio.
Do.	do.	Indiana.
Do.	do.	New Jersey.
Do.	do.	Iowa.
Do.	do.	Pennsylvania.*
Do.	do.	Iowa.
Do.	do.	California.
Do.	do.	Indiana.
Do.	do.	Iowa.
Do.	Prunus domestica (plum).	New York City.*
Do.	do.	Iowa.
Do.	Pyrus communis (pear) (5).	Illinois.
Do.	Pyrus communis (pear).	Indiana.
Do.	do.	Pennsylvania.*
Illinoia sp. (Aphididae)	Chrysanthemum sp.	California.
Laemophloeus pusillus (Cucujidae)	Unknown bulbs.	

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
FRANCE—continued.		
Insects—continued.		
Lepidosaphes ulmi (oyster-shell scale).....	Malus sylvestris (apple) (2).....	District of Columbia.
Do.....	"Pardis Jamie de Metz".....	Do.
Do.....	Syringa vulgaris (lilac).....	Do.
Do.....	Syringa sp.....	Do.
Malacosoma neustria (European lackey moth).....	Malus sylvestris (apple) (2).....	Iowa.
Malacosoma sp. (Lasicampidae).....	Malus sylvestris (apple).....	Pennsylvania.*
Mycetophilid.....	Narcissus sp. (bulbs).....	Do.
Mylabris obtectus (bean weevil).....	Phaseolus lunatus (lima beans).....	District of Columbia.
Mylabris pisorum (pea weevil).....	Pisum sativum (sugar pea).....	Do.
Myzus circumflexum (Aphididae).....	Hydrangea hortensis ("La Marne").....	Do.
Notolophus antiqua (European tussock moth).....	Prunus domestica (plum).....	Iowa.
Papilio podalirius (Papilionidae).....	Prunus cerasus (cherry) (3).....	Indiana.
Do.....	Prunus cerasus (cherry).....	Florida.
Parlatoria pergandei (chaff scale).....	Citrus sinensis (orange).....	Iowa.
Pieris rapae (European cabbage butterfly).....	Cydonia oblonga (quince) (2).....	Pennsylvania.
Porthetria dispar (gypsy moth).....	Cydonia oblonga (quince).....	Pennsylvania.*
Ptinid.....	Rhamnus cathartica (seeds).....	New York City.*
Rhizoglyphus hyacinthi (bulb mite).....	Hyacinthus sp. (hyacinth) (bulbs).....	Virginia.
Do.....	Narcissus sp. (narcissus) (bulbs).....	Massachusetts.*
Do.....	do.....	Virginia.
Rhizoglyphus sp. (mite).....	Unknown bulbs.....	New York City.*
Rhyparochromus dilatatus (Lygaeidae).....	Narcissus sp. (narcissus) (bulbs).....	Virginia.
Scatopse sp. (Bibionidae).....	Fragaria sp. (strawberry).....	Pennsylvania.
Stratiomyid.....	Narcissus sp. (narcissus) (bulbs).....	Pennsylvania.
Thrips communis pulla (thrips).....	do.....	Do.
Tinea sp. (Tineidae).....	Chrysanthemum sp.....	Pennsylvania.*
Tineid.....	Sabal hawanensis.....	Louisiana.
Tortricid.....	Rhamnus cathartica (seeds).....	Pennsylvania.*
Diseases:	Dianthus caryophyllus (carnation).....	District of Columbia.
Acrostalagmus cinnabarinus.....	Canna sp.....	Do.
Do.....	Iris sp. (iris).....	Do.
Aspergillus repens.....	Davida vilvorinae.....	Pennsylvania.*
Bacterium tumefaciens.....	Cydonia sp.....	District of Columbia.
Do.....	Lonicera hildebrandii.....	Pennsylvania.*
Do.....	Malus sp.....	Do.
Do.....	Prunus sp.....	District of Columbia.
Do.....	Rosa sp. (rose).....	Pennsylvania.*
Botrytis cinerea.....	do.....	District of Columbia.
Botrytis parasitica.....	Hydrangea sp.....	Pennsylvania.*
Cephalothecium roseum.....	Iris sp. (iris).....	District of Columbia.
Cephalosporium sp.....	Chamadorea glonomiformes.....	Do.
Claviceps microcephala.....	Stachys tuberifera.....	Do.
Coniosporium sp.....	Molinia caerulea.....	Do.
Do.....	Arundinaria fortunei.....	Do.
Fusarium sp.....	Arundinaria pygmaea.....	Do.
Heterodera radicicola.....	Crataegus oxyacantha.....	Do.
Mycosphaerella fragariae.....	Jasminum sp.....	Do.
Phragmidium sp.....	Fragaria sp. (strawberry).....	New York.*
Sclerotium sp.....	Rosa sp. (rose).....	Pennsylvania.*
Tubercularia vulgaris.....	Iris sp. (iris).....	District of Columbia.
GERMANY.	Syringa.....	Do.
Insects:		
Coccus hesperidum (soft brown scale).....	Myrtus communis (myrtle).....	New York City.*
Corticaria fulva (Lathridiidae).....	Wheat chaff.....	District of Columbia.
Eriococcus coccineus (scale insect).....	Cactus.....	Do.
Lecanium coryli (scale insect).....	"Schleihahms" (cherry cuttings).....	Do.
Pseudococcus sp. (mealybug).....	Cactus.....	Do.
Do.....	Selenicereus sp.....	Do.
Pyralis farinalis (Pyralidae).....	In packing about dahlia roots.....	Do.
Tetranychus telarius (red spider).....	Selenicereus sp.....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
GERMANY—continued.		
Diseases:		
Puccinia graminis.....	Agrostis stolonifera.....	District of Columbia.
Sclerotium sp. (S. compactum?).....	Iris sp. (iris).....	Do.
GRAND CAYMAN ISLAND.		
Insects:		
Pseudococcus sp. (mealy bug).....	Punica granatum (pomegranate).....	Florida.
Targionia hartii (yam scale).....	Dioscorea sp. (yam).....	Do.
GUADELOUPE.		
Insect:		
Cerataphis lataniae (Aphididae).....	Orchid.....	New York City.*
GUATEMALA.		
Insects:		
Alegoria dilatata (Tenebrionidae).....	Musa sp. (banana).....	Pennsylvania.*
Do.....	Roots of Heliconia sp.?.....	District of Columbia.
Calendra oryzae (rice weevil).....	Triticum aestivum (wheat).....	Do.
Camponotus sp. (ant).....	Musa sp. (banana).....	Pennsylvania.*
Copturus sp. (Curculionidae).....	Swietenia mahogani (mahogany) (logs).....	California.
Epitrix cucumeris hirtula (Chrysomelidae).....	In rubbish among Musa sp.....	Pennsylvania.*
Eubulus sp. (Curculionidae).....	Swietenia mahogani (mahogany) (logs).....	Louisiana.*
Mylabris obtectus (bean weevil).....	Beans (seed) (2).....	District of Columbia.
Prionopelta sp. (ant).....	Roots of Heliconia sp.?.....	Do.
Do.....	Capsicum annuum (pepper) (pods).....	Do.
Pyralid.....	Heliconia paltanillo.....	Do.
Saissetia hemisphaerica (hemispherical scale).....	Cactus.....	Do.
Solenopsis sp. (ant).....	Roots of Heliconia sp.?.....	Do.
Do.....	Swietenia mahogani (mahogany) (logs).....	California.
Zabrotes pectoralis (Mylabridae).....	Unknown seed.....	District of Columbia.
Diseases:		
Cephalothecium roseum.....	Annona diversifolia.....	Do.
Helminthosporium ravenelii.....	Sporobolus sp.....	Do.
Puccinia graminis.....	Triticum sp.....	Do.
HAITI.		
Insects:		
Carpophilus hemipterus (Nitidulidae).....	Ipomoea batatas (sweet potato).....	Pennsylvania.*
Carpophilus sp. (Nitidulidae).....	do.....	Do.
Drosophila sp. (Drosophilidae).....	Dioscorea sp. (yam).....	New York City.*
Psychid.....	Cottonseed meal.....	Do.
Rhizoglyphus hyacinthi (bulb mite).....	Ipomoea batatas (sweet potato).....	Pennsylvania.*
Rhizoglyphus sp. (mite).....	Phytelephas seemannii (tagua nut).....	New York City.*
Tribolium ferrugineum (rust red flour beetle).....	Cottonseed meal.....	Do.
HAWAII.		
Insects:		
Aspidiotus cyanophylli (scale insect).....	Cocos nucifera (coconut).....	California.
Aspidiotus cydoniae (scale insect).....	Cocos nucifera (coconut) (3).....	Do.
Aspidiotus lataniae (scale insect).....	Cocos nucifera (coconut) (7).....	Do.
Do.....	Polyalthea longifolia.....	District of Columbia.
Do.....	Rubus macrae (giant raspberry).....	Do.
Aspidiotus persearum (scale insect).....	Cocos nucifera (coconut).....	California.
Aulacaspis rosae (rose scale).....	Rubus sp. (blackberry).....	District of Columbia.
Bactrocera cucurbitae (melon fruit fly).....	Cucumis sativus (cucumber).....	California.
Do.....	Lycopersicum esculentum (tomato).....	Do.
Calendra oryzae (rice weevil).....	Ti-plant.....	Do.
Carpophilus dimidiatus (Nitidulidae).....	Koa wood.....	Do.
Carpophilus hemipterus (Nitidulidae).....	Ti-plant.....	Do.
Carpophilus humeralis (Nitidulidae).....	Musa sp. (banana).....	Do.
Caryoborus gonagra (Mylabridae).....	Ceratonia siliqua.....	Do.
Do.....	Pink shower (Cassia sp.?).....	District of Columbia.
Caryoborus sp. (Mylabridae).....	Cassia modosa (seed).....	Do.
Ceratitis capitata (Mediterranean fruit fly).....	Coffee sp. (coffee) (berries) (5).....	California.
Ceroplastes sp. (wax scale).....	Ficus carica (figs).....	Do.
Chelisoches morio (earwig).....	Musa sp. (banana).....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
HAWAII—continued.		
Insects—Continued.		
Chionaspis inday (scale insect).	Cocos nucifera (coconut) (4).	California.
Chrysomphalus aonidum (Florida red scale).	Citrus aurantifolia (lime).	Do.
Do.	Cocos nucifera (coconut) (46).	Do.
Do.	Cocos nucifera (coconut).	Florida.
Do.	do.	Louisiana.*
Chrysomphalus dictyospermi (scale insect).	Polyalthea longifolia.	District of Columbia.
Chrysomphalus sp. (scale insect).	Palm (seed).	California.
Coccus elongatus (long soft scale).	Areca catechu (betel palm).	Do.
Do.	Areca catechu (betel palm) (22).	Do.
Do.	Dracaena sp. (dracena).	Do.
Coccus mangiferae (scale insect).	Hibiscus sp.	Do.
Do.	Mangifera indica (mango).	Do.
Coccus sp. (scale insect).	Caladium sp.	Do.
Do.	Mangifera indica (mango).	Do.
Curculionid larvæ.	Hibiscus sp.	District of Columbia.
Cylas formicarius (sweet-potato weevil).	Polyalthea longifolia.	Do.
Diaspis boisduvalii (Boisduval's scale).	Rubus sp. (blackberry).	Do.
Diaspis bromeliae (scale insect).	Solanum tuberosum (Irish potato).	Pennsylvania.*
Do.	Ipomoea batatas (sweet potato).	California.
Echocerus cornutus (Tenebrionidae).	Cocos nucifera (coconut).	Do.
Hemichionaspis minor (scale insect).	Ananas sativus (pineapple) (49).	Do.
Do.	Ananas sativus (pineapple).	Florida.
Hemichionaspis sp. (scale insect).	Musa sp. (banana) (4).	California.
Howardia biclavis (mining scale).	Saccharum officinarum (sugar cane).	Do.
Do.	Cocos nucifera (coconut) (47).	Do.
Hypsomocoma sp. (Diplosaridae).	Polyalthea longifolia.	District of Columbia.
Ischnaspis longirostris (thread scale).	Ti-plant.	California.
Do.	Palm.	District of Columbia.
Lepidosaphes auriculata (scale insect).	Hibiscus sp. (2).	California.
Lepidosaphes crotonis (scale insect).	Unknown.	District of Columbia.
Lepidosaphes beckii (purple scale).	Cocos nucifera (coconut) (10).	California.
Mylabris chinensis (Mylabridae).	Gardenia sp. (gardenia).	Do.
Mylabris limbatus (Mylabridae).	Palm.	Do.
Mylabris obtectus (bean weevil).	Croton sp. (croton).	Do.
Mylabris pruininus (Mylabridae).	do.	Do.
Mylabris sallei (Mylabridae).	Citrus sinensis (orange).	Do.
Do.	Unknown seed.	Do.
Mylabris sp. (Mylabridae).	Acacia (seed) (2).	Do.
Parlatoria pseudaspidiotus (scale insect).	Beans (2).	Do.
Pheidole megacephala (ant).	Willi Willi tree.	District of Columbia.
Pheidole sp. (ant).	Acacia (seed).	California.
Phenacaspis eugeniae (scale insect).	Ceratonia siliqua (algaroba beans).	Do.
Do.	Acacia (seed).	Do.
Phenacaspis inday (scale insect).	Mangifera indica (mango).	District of Columbia.
Phenacaspis sp. (scale insect).	Koa wood.	California.
Do.	Saccharum officinarum (sugar cane).	Do.
Plodia interpunctella (Indian meal moth).	Aleurites molluccana (kukui nut).	Do.
Prenolepis sp. (ant).	Mangifera indica (mango).	Do.
Psammoecus desjardinsi (Cucujidae).	Cocos nucifera (coconut).	Do.
Do.	do.	Do.
Pseudoaonidia clavigera (scale insect).	Dictyospermi rubra (palm) (seed).	Do.
Pseudococcus adonidum (long-tailed mealybug).	Hibiscus sp.	Do.
Pseudococcus bromeliae (pineapple mealybug).	Palm (seed).	Do.
Do.	do.	Do.
Pseudococcus bromeliae (pineapple mealybug).	Cocos nucifera (coconut) (6).	Do.
Do.	Musa sp. (banana) (2).	Do.
Psylla intermedia (psyllid).	Koa wood.	Do.
Pseudococcus adonidum (long-tailed mealybug).	Malus sylvestris (apple) (scions) (2).	District of Columbia.
Pseudococcus adonidum (long-tailed mealybug).	Hibiscus sp.	California.
Pseudococcus bromeliae (pineapple mealybug).	Ananas sativus (pineapple) (53).	Do.
Do.	Musa sp. (banana) (4).	Do.
Do.	Musa sp. (banana).	District of Columbia.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
HAWAII—continued.		
Insects—Continued.		
Pseudococcus citri (citrus mealybug).....	Citrus aurantifolia (lime).....	California.
Pseudococcus nipae (palm mealy bug).....	Caladium sp.	Do.
Do.....	Dracaena sp. (dracena).....	Do.
Do.....	Palm.....	Do.
Pseudococcus proteus (mealybug).....	Croton sp. (croton).....	Do.
Pseudococcus virgatus (mealybug).....	Hawaiian redberry.....	Do.
Pseudococcus sp. (mealybug).....	Areca catechu (betel palm) (2).....	Do.
Do.....	Cocos nucifera (coconut) (3).....	Do.
Do.....	Croton sp. (croton).....	Do.
Do.....	Saccharum officinarum (sugar cane).....	Do.
Pyralid.....	Styphelia sp.	District of Columbia.
Ripersia palmarum (scale insect).....	Cocos nucifera (coconut) (23).....	California.
Saissetia nigra (scale insect).....	Areca catechu (betel palm).....	Do.
Do.....	Hawaiian redberry.....	Do.
Do.....	Hibiscus sp. (3).....	Do.
Saissetia oleae (black scale).....	Hibiscus sp.	District of Columbia.
Saissetia sp. (scale insect).....	do.....	California.
Sternochetus mangiferae (mango weevil).....	do.....	District of Columbia.
Tribolium confusum (confused flour beetle).....	Mangifera indica (mango) (seed) (2).....	California.
Do.....	Beans (2).....	Do.
Tyroglyphus sp. (mite).....	Musa sp. (banana).....	Do.
Diseases:	Phytelaphas seemannii (ivory nut).....	District of Columbia.
Aspergillus repens.....	Puschkinia libanotica.....	Do.
Bacterium tumefaciens.....	Phlox decussata.....	Do.
Diplodia manihotis.....	Manihot utilissima.....	Do.
Fusarium sp.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Glomerella cingulata.....	Rubus sp.	District of Columbia.
Myxosporium sp.....	Hibiscus sp.	California.*
Pestalozzia guepini.....	Mangifera indica (mango).....	District of Columbia.
HOLLAND.		
Insects:		
Anthicus floralis (Anthicidae).....	Hyacinthus sp. (hyacinth) (bulbs).....	Virginia.
Anthocoris sylvestris (Anthocoridae).....	In packing of Rhododendron ponticum.....	District of Columbia.
Apatela auricoma (dagger-moth).....	Prunus cerasus (cherry).....	Iowa.
Aspidiota hederae (ivy scale).....	Palm.....	Pennsylvania.*
Athous niger (Elateridae).....	Astilbe sp.	District of Columbia.
Brachyrhinus sulcatus (Otiorhynchidae).....	do.....	Do.
Calendra oryzae (rice weevil).....	Hyacinthus sp. (hyacinth) (bulbs).....	Virginia.
Carpophilus dimidiatus (Nitidulidae).....	do.....	Do.
Do.....	Narcissus sp. (narcissus) (bulb).....	Pennsylvania.*
Cathartus advena (foreign grain beetle).....	Hyacinthus sp. (hyacinth) (bulbs (2)).....	California.
Do.....	do.....	Virginia.
Cecidomyia sp. (Cecidomyidae).....	Iris sp. (iris).....	District of Columbia.
Cecidomyid.....	Hyacinthus sp. (hyacinth) (bulbs).....	Pennsylvania.*
Do.....	do.....	Maryland.*
Cidaria fluctuata (Geometridae).....	Hyacinthus sp. (hyacinth) (bulbs) (7).....	Pennsylvania.*
Curculionid.....	Narcissus sp. (narcissus) (bulbs) (3).....	Do.
Do.....	Rosa sp. (rose).....	District of Columbia.
Emphytus cinctus (sawfly).....	Taxus sp. (yew).....	Do.
Do.....	Astilbe sp. (clumps of).....	Do.
Empoasca (Cicadellidae).....	In soil.....	Do.
Eumerus strigatus (lesser bulb fly).....	Manetti rose stock.....	Illinois.
Do.....	do.....	Indiana.
Euproctis chrysorrhoea (brown-tail moth) (nests).....	Taxus sp. (yew).....	District of Columbia.
Forficula auricularia (common European earwig).....	Hyacinthus sp. (hyacinth) (bulbs).....	Pennsylvania.*
Hemichionaspis aspidistrae (aspidistra scale).....	Narcissus sp. (narcissus) (bulbs) (2).....	Virginia.
Hepialus sp. (Hepialidae).....	Fruit seedlings.....	South Carolina.
	Rhododendron ponticum.....	District of Columbia.
	Cordyline terminalis.....	Florida.
	Paeonia sp. (roots).....	District of Columbia.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
HOLLAND—continued.		
Insects—Continued.		
<i>Languria</i> sp. (Erotylidae).	<i>Phlox</i> sp. (phlox).	District of Columbia.
<i>Lasioderma serricorne</i> (cigarette beetle).	<i>Gossypium</i> sp. (cotton) (seed).	California.
<i>Lecanium</i> sp. (scale insect).	<i>Taxus cuspidata capitata</i> .	District of Columbia.
<i>Limosina</i> sp. (Borboridae).	<i>Hyacinthus</i> sp. (hyacinth) (bulbs).	Pennsylvania.*
<i>Lyctocoris campestris</i> (Anthocoridae).	do.	Do.
<i>Merodon equestris</i> (narcissus fly).	<i>Narcissus</i> sp. (narcissus) (bulbs).	New Jersey.
Do.	do.	Virginia.
Do.	Unknown bulbs.	California.
<i>Mycetophilid</i> .	<i>Hyacinthus</i> sp. (hyacinth) (bulbs).	Pennsylvania.*
<i>Myzus</i> sp. (Aphididae).	Unknown plant.	Do.
<i>Oryzaephilus surinamensis</i> (saw-toothed grain beetle).	Buckwheat chaff.	District of Columbia
<i>Piezostethus galactinus</i> (Anthocoridae).	<i>Hyacinthus</i> sp. (hyacinth) (bulbs).	Virginia.
<i>Platypezid</i> .	do.	Do.
<i>Prolabia arachidis</i> (Forficulidae).	do.	Do.
<i>Pyralis farinalis</i> (Pyralidae).	<i>Paeonia</i> sp. (peony) (roots).	District of Columbia.
<i>Pyralis</i> sp. (Pyralidae).	<i>Tulipa</i> sp. (tulip) (bulbs).	Pennsylvania.*
<i>Rhizoglyphus hyacinthi</i> (bulb mite).	<i>Crocus</i> sp. (crocus) (bulbs) (2).	Do.
Do.	<i>Hyacinthus</i> sp. (hyacinth) (bulbs) (10).	Virginia.
Do.	<i>Hyacinthus</i> sp. (hyacinth) (bulbs) (2).	Maryland.*
Do.	<i>Narcissus</i> sp. (narcissus) (bulbs).	District of Columbia.
Do.	do.	Pennsylvania.*
Do.	<i>Narcissus</i> sp. (narcissus) (bulbs) (5).	Virginia.
Do.	<i>Narcissus</i> sp. (narcissus) (bulbs) (2).	Pennsylvania.*
Do.	<i>Tulipa</i> sp. (tulip) (bulbs) (5).	Virginia.
Do.	<i>Crocus</i> sp. (crocus) (bulbs).	Pennsylvania.*
Do.	<i>Hyacinthus</i> sp. (hyacinth) (bulbs) (2).	Do.
Do.	<i>Hyacinthus</i> sp. (hyacinth) (bulbs).	California.
Do.	do.	Do.
Do.	<i>Narcissus</i> sp. (narcissus) (bulbs) (2).	California.
Do.	Unknown bulbs.	Do.
<i>Sapromyza</i> sp. (Sapromyzidae).	<i>Zinnia</i> sp. .	Pennsylvania.*
<i>Sciara</i> sp. (Mycetophilidae).	<i>Gladiolus</i> sp. (gladiolus) (bulb).	New York City.*
Do.	<i>Hyacinthus</i> sp. (hyacinth) (bulbs).	Virginia.
Do.	<i>Narcissus</i> sp. (narcissus) (bulbs).	Pennsylvania.*
<i>Tenebrio molitor</i> (meal-worm).	Buckwheat hulls used as packing around bulbs.	Do.
Do.	<i>Hyacinthus</i> sp. (hyacinth) (bulb).	Maryland.*
<i>Tenebrionid</i> .	do.	Virginia.
<i>Thrips tabaci</i> (onion thrips).	do.	Maryland.*
<i>Tribolium confusum</i> (confused flour beetle).	Buckwheat hulls (packing).	California.
Do.	Unknown bulbs.	Do.
<i>Tyroglyphus</i> sp. (mites).	<i>Solanum tuberosum</i> (Irish potato).	Oregon.*
Diseases:		
<i>Actinomyces scabies</i> .	do	Pennsylvania.*
<i>Bacterium tumefaciens</i> .	<i>Azalea pontica</i> .	District of Columbia.
Do.	<i>Pyrus</i> sp. (2)	Arkansas.
Do.	do	Pennsylvania.
<i>Botrytis cinerea</i> .	<i>Astilbe</i> sp.	District of Columbia.
Do.	<i>Azalea</i> sp.	Do.
Do.	<i>Ilex laevigata</i> .	Do.
Do.	<i>Paeonia officinalis</i> .	Do.
Do.	<i>Rhododendron</i> (4).	Do.
Do.	<i>Tritoma rufa</i> .	Do.
<i>Botrytis parasitica</i> .	<i>Gladiolus</i> sp. (gladiolus).	Do.
Do.	<i>Narcissus</i> sp. (narcissus).	Do.
Do.	<i>Tulipa</i> sp. (tulip).	Pennsylvania.*
<i>Exobasidium vaccinii</i> .	<i>Azalea malvitica</i> .	District of Columbia.
<i>Fusarium</i> sp.	<i>Solanum tuberosum</i> (Irish potato).	Pennsylvania.*
<i>Gymnosporangium</i> sp.	<i>Juniperus virginiana</i> .	District of Columbia.
<i>Pestalozzia guepini</i> .	<i>Rhododendron amphon</i> .	Do.
Do.	<i>Rhododendron</i> sp. (5).	Do.
<i>Rhizoctonia solani</i> .	<i>Solanum tuberosum</i> (Irish potato).	Pennsylvania.*
<i>Septoria gladioli</i> .	<i>Gladiolus</i> sp. (gladiolus) (2).	District of Columbia.
<i>Spongospora subterranea</i> .	<i>Solanum tuberosum</i> (Irish potato).	Pennsylvania.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
INDIA.		
Insects:		
Adoretus sp. (Scarabaeidae).....	In packing.....	Pennsylvania.*
Anthicus sp. (Anthicidae).....	Holcus sp. (sorghum seed).....	District of Columbia.
Aspidiotus destructor (scale insect).....	Palm.....	Pennsylvania.*
Asterolescanium sp. (scale insect).....	Garcinia mangostana (mangosteen plant).....	Hawaii.*
Calendra granaria (granary weevil).....	Zea mays (seed corn, American).....	Pennsylvania.*
Calendra oryzae (rice weevil).....	Dendrocalamus sikkimensis.....	District of Columbia.
Do.....	Holcus sp. (sorghum seed).....	Do.
Cathartus advena (foreign grain beetle).....	Ceratonia siliqua (algaroba pods).....	California.
Ceroplastes sp. (scale insect).....	Unknown.....	Pennsylvania.*
Chrysomphalus aonidum (scale insect).....	Hydnocarpus anthelminticus.....	Hawaii.*
Chrysomphalus sp. (scale insect).....	Corypha umbraculifera (talipot palm).....	District of Columbia.
Clerid.....	Ficus sp.....	Hawaii.*
Dolichopodid.....	do.....	Do.
Euprotoc icilia (Lymantriidae) (larya).....	do.....	Do.
Icerya sp. (scale insect).....	Unknown.....	Do.
Laemophloeus ferrugineus (Cucujidae).....	Zea mays (seed corn, American).....	Pennsylvania.*
Do.....	Dendrocalamus sikkimensis.....	District of Columbia.
Lophocateres pusillus (Nitidulidae).....	Gossypium sp. (cotton seed).....	Do.
Melania tuberculata (Mollusca).....	In packing.....	Pennsylvania.*
Mylabris chinensis (Mylabridae).....	Lens sp. (lentils).....	California.
Mylabris sp. (Mylabridae).....	Cyanopsis psoraloides seed ("pardeshi guar").....	District of Columbia.
Necrobia rufipes (red-legged ham beetle).....	Copra.....	New York.*
Oryzaephilus surinamensis (saw-toothed grain beetle).....	Holcus sp. (sorghum seed).....	District of Columbia.
Do.....	Oryzae sativa (black rice).....	Do.
Do.....	Zea mays (seed corn, American).....	Pennsylvania.*
Pachymerus sp. (Mylabridae).....	Hiptage madablotra.....	District of Columbia.
Parlatoria sp. (scale insect).....	Zizyphus xyloporus.....	Do.
Pectinophora gossypiella (pink bollworm).....	Cotton, wild.....	Do.
Pentatomid.....	Ficus sp.....	Hawaii.*
Phalaerus sp. (Phalacridae).....	Holcus sp. (sorghum seed).....	District of Columbia.
Phenacaspis sp. (scale insect).....	Mangifera indica (mango budwood).....	Do.
Phthorimaea operculella (potato tuber moth).....	Solanum tuberosum (Irish potatoes).....	Massachusetts.*
Phyciodes sp. (Nymphalidae).....	Ficus sp.....	Hawaii.*
Pseudococcus adonidum (long-tailed mealybug).....	Dipladenia harrisi.....	Do.
Pseudococcus sp. (mealybug).....	Ficus sp.....	Do.
Pyralid.....	Mangifera indica (mango seed).....	Florida.
Rhizopertha dominica (Bostrichidae).....	Holcus sp. (sorghum seed).....	District of Columbia.
Subulina indica (Mollusca).....	In packing.....	Pennsylvania.*
Tenebrioides mauritanica (The cadelle).....	Zea mays (seed corn, American).....	Do.
Tenebrioides sp. (Trogositidae).....	Oryza sativa (black rice).....	District of Columbia.
Tipulid.....	Bougainvillea sp.....	New York.*
Tribolium confusum (confused flour beetle).....	In packing.....	Pennsylvania.*
Do.....	Gossypium sp. (cotton seed).....	New York.*
Do.....	Holcus sp. (sorghum seed).....	District of Columbia.
Trogositid larva.....	Gossypium sp. (cotton seed).....	New York.*
Diseases:		
Aspergillus repens.....	Randia uliginosa.....	District of Columbia.
Diplodia cacaoicola.....	Bossia latifolia.....	Do.
Do.....	Sterculia macrophylla.....	Do.
INDO-CHINA, FRENCH.		
Disease:		
Aspergillus repens.....	Artocarpus sp. (breadfruit).....	District of Columbia.
IRELAND.		
Insects:		
Chrysomphalus dictyospermi (scale insect).....	Citrus sinensis (orange).....	Florida.
Emphytus cinctus (sawfly).....	Rosa manetti (rose) (2).....	Pennsylvania.
Do.....	Rosa sp. (rose).....	District of Columbia.
Parlatoria pergandei (chaff scale).....	Citrus sinensis (orange).....	Florida.
Parlatoria ziziphii (scale insect).....	do.....	Do.
Pulvinaria sp. (scale insect).....	Grossularia sp. (gooseberry cuttings).....	Pennsylvania.*
Tetramorium caespitum (ant).....	In cuttings of Ribes and Grossularia.....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
IRELAND—continued.		
Diseases:		
Bacterium tumefaciens.....	Rosa manetti (rose) (2).....	Pennsylvania.*
Botrytis cinerea.....	Rosa sp. (rose) (2).....	District of Columbia.
Phragmidium sp.....	Rosa sp. (rose).....	Washington.*
ISLE OF PINES.		
Insects:		
Aleurothrixus howardi (woolly white fly).....	Citrus grandis (grapefruit).....	Florida.
Lepidosaphes beckii (purple scale).....	do.....	Do.
Do.....	Citrus sp.....	Do.
Termes sp. (termite).....	Coccocoba uvifera (sea grape).....	Do.
ITALY.		
Insects:		
Alphitobius diaperinus (Tenebrionidae).....	In flour.....	Louisiana.*
Amalia sp. (mollusk).....	In soil.....	Pennsylvania.*
Anthomyid.....	Cynodon dactylon (Bermuda grass).....	Do.
Do.....	In soil.....	Do.
Aphodius sp. (Scarabaeidae).....	do.....	Do.
Apion sp. (Curculionidae).....	Unknown.....	New York.*
Aspidiotus britannicus (scale insect).....	Palm.....	California.
Aspidiotus hederae (ivy scale).....	Citrus limonia (lemon).....	New York.*
Do.....	do.....	Pennsylvania.*
Do.....	Jasminum sp. (jasmine).....	Do.
Do.....	Palm.....	New York.*
Do.....	do.....	Pennsylvania.*
Aspidiotus sp. (scale insect).....	Ficus sp. (fig stock).....	Do.
Athetis furicornis (Noctuidae).....	Cynodon dactylon (Bermuda grass).....	Do.
Aulacaspis rosae (rose scale).....	Rosa sp. (rose).....	Do.
Balaninus sp. (Curculionidae).....	Castanea sp. (chestnut) (2).....	California.
Bythinus sp. (Pselaphidae).....	In packing.....	Pennsylvania.*
Calendra oryzae (rice weevil).....	Castanea sp. (chestnut).....	Do.
Do.....	Chrysanthemum sp.....	Do.
Do.....	Zea everta (pop corn).....	Do.
Camptopus lateralis (Alydidae).....	In packing.....	Do.
Cebrio sp. (Elateroidea).....	Dianthus sp. (carnation).....	Do.
Ceroplastes rusci (wax scale).....	Ficus sp. (fig) (2).....	Do.
Chionaspis euonymi (euonymus scale).....	Euonymus sp.....	Massachusetts.*
Chironomid.....	Dianthus sp. (carnation).....	Pennsylvania.*
Do.....	Rosa sp. (rose).....	Do.
Chrysomphalus aurantii (California red scale).....	Citrus sinensis (orange).....	Do.
Chrysomphalus dictyospermi (scale insect).....	Citrus limonia (lemon).....	Do.
Do.....	Laurus nobilis (laurel).....	New York.*
Do.....	Unknown.....	Pennsylvania.*
Coccus hesperidum (soft brown scale).....	Palm.....	Do.
Coninomus constrictus (Lathridiidae).....	Cynodon dactylon (Bermuda grass).....	Do.
Coninomus nodifer (Lathridiidae).....	do.....	Do.
Corticaria elongata (Lathridiidae).....	do.....	Do.
Curculionid larva.....	In soil about plants.....	Do.
Cylisticus convexus (Isopod).....	In packing.....	Do.
Diaspis zamiae (scale insect).....	Metroxylon sagu (sago palm).....	Do.
Dorcatypus funestus (Cerambycidae).....	Ficus sp. (fig).....	New York.*
Embia mauritanica (Embiidae).....	In packing.....	Pennsylvania.*
Enicmus minutus (Lathridiidae).....	Cynodon dactylon (Bermuda grass).....	Do.
Ephestia elutella (Pyralidae).....	Ceratonia siliqua (St. John's Bread).....	California.
Fannia sp. (Anthomiidae).....	Solanum tuberosum (potato).....	Pennsylvania.*
Fiorinia fioriniae (scale insect).....	Camellia sp.....	Massachusetts.*
Do.....	Palm.....	Pennsylvania.*
Geometrid.....	In soil.....	Do.
Glyphodes unionalis (Pyralidae).....	do.....	Massachusetts.*
Haploembia sp. (exotic neuropteroid).....	Rosa sp. and Vitis sp.....	Pennsylvania.*
Haplophthalmus mengii (spider).....	In soil.....	Do.
Hemiclionaspis aspidistrae (aspidistra scale).....	Fern.....	Do.
Laemophloeus ferrugineus (Cucujidae).....	Cynodon dactylon (Bermuda grass).....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
ITALY—continued.		
Insects—Continued.		
Lepidosaphes beckii (purple scale).....	Citrus limonia (lemon) (2).....	California.
Do.....	Citrus limonia (lemon).....	New York.*
Do.....	Citrus limonia (lemon) (2).....	Pennsylvania.*
Do.....	Citrus sinensis (orange).....	Do.
Do.....	Citrus sp.....	New York *
Lepidosaphes conchiformis (scale insect).....	Ficus carica (fig).....	District of Columbia.
Do.....	Ficus sp. (fig) (2).....	Pennsylvania.*
Malachius sp. (Melyridae).....	In soil.....	Do.
Monopis ferruginella (Tineidae).....	Cynodon dactylon (Bermuda grass).....	Do.
Monopis imella (Tineidae).....	In packing for plants.....	Do.
Monopis sp. (Tineidae).....	do.....	Do.
Mylabris lenticis (lentil weevil).....	Lens sp. (lentil).....	Do.
Mylabris luteicornis (Mylabridae).....	Pisum sp. (peas) and other legumes.....	Do.
Mylabris rufimanus (Mylabridae).....	Beans (Italian).....	Do.
Neuropteroid larvæ.....	In packing.....	Do.
Ortalid (dipteronous puparia).....	Unknown.....	Do.
Oscinid larvæ.....	Dianthus sp. (carnation).....	Do.
Parlatoria pergandei (chaff scale).....	Citrus limonia (lemon).....	Do.
Parlatoria zizyphus (scale insect).....	do.....	Do.
Parlatoria sp. (scale insect).....	do.....	Do.
Philoscia sp. (spider).....	In soil.....	Pennsylvania.
Plinthinus brevipennis (Lygaeidae).....	In packing.....	Do.
Plodia interpunctella (Indian meal moth).....	Filbert necklace.....	California.
Plodia sp. (Pyralidae).....	Gossypium sp. (cotton waste).....	New York *
Pseudococcus adonidum (long-tailed mealybug).....	Palm, ornamental.....	Pennsylvania.*
Pseudococcus citri (mealybug).....	Chayota edulis (chayote).....	Massachusetts.*
Do.....	Ficus sp. (fig).....	Pennsylvania.*
Pseudococcus sp. (mealybug).....	Citrus limonia (lemon).....	California.
Pterophorid.....	In soil.....	Pennsylvania.*
Pulvinaria vitis (scale insect).....	Vitis sp. (grape) (2).....	Do.
Pyralid.....	Cynodon dactylon (Bermuda grass).....	Do.
Do.....	Gossypium sp. (cotton waste).....	New York.*
Saissetia oleae (black scale).....	Citrus limonia (lemon).....	Do.
Do.....	do.....	Pennsylvania.*
Scaphidid larva.....	Metroxylon sagu (sago palm).....	Do.
Sciara sp. (Mycetophilidae).....	In soil.....	Do.
Do.....	Dianthus sp. (carnation).....	Do.
Sitodrepa panicea (drug store beetle).....	In soil (2).....	Do.
Sitotroga cerealella (angoumois grain moth).....	Seeds (unknown).....	Oregon,*
Tenebrio molitor (meal worm).....	Zea everta (pop corn).....	Pennsylvania.*
Do.....	Cynodon dactylon (Bermuda grass).....	Do.
Tetramorium caespitum (ant).....	In passenger's baggage.....	Do.
Tipula sp. (Tipulidae).....	Lens sp. (lentil).....	Do.
Tortricid.....	In soil.....	Do.
Trichopteryx intermedia (Ptiliidae).....	Dianthus sp. (carnation).....	Do.
Tyroglyphid (mite).....	In packing.....	Do.
Volucella obesa.....	Vitis sp. (grape).....	Do.
Diseases:	Cucumis sativus (cucumber).....	California.
Acrostalagmus cinnabarinus.....	Solanum tuberosum (Irish potato).....	Oregon.*
Fusarium sp.....	do.....	Do.
Heterodera radicicola.....	do.....	Pennsylvania.*
Phytophthora infestans.....	do.....	Do.
JAMAICA.		
Insects:		
Aleurocanthus woglumi (spiny citrus white fly).....	Citrus nobilis (tangerine).....	Louisiana.*
Do.....	Citrus nobilis (tangerine) (2).....	New York.*
Do.....	Citrus sinensis (orange) (2).....	Do.
Do.....	Citrus sp.....	Louisiana.*
Do.....	do.....	New York.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
JAMAICA—continued.		
Insects—Continued.		
Aleurocanthus sp. (white fly).....	Citrus nobilis (tangerine) (2).....	New York.*
Do.....	Citrus sinensis (orange).....	Do.
Do.....	Citrus sp.....	Louisiana.*
Do.....	do.....	New York.*
Alphitobius piceus (Tenebrionidae).....	Oryza sativa (rice).....	Maryland.*
Alphitobius sp. (Tenebrionidae).....	Musa sp. (banana waste).....	Pennsylvania.*
Anastrepha fraterculus (West Indian fruit fly).....	Mangifera indica (mango).....	Louisiana.*
Anthomyid.....	In fruit basket.....	Pennsylvania.*
Aspidiotus sp. (scale insect).....	Hibiscus sp.....	New York.*
Ataenius sp. (Scarabaeidae).....	In soil.....	Pennsylvania.*
Attagenus piceus (Dermestidae).....	Musa sp. (banana foliage).....	Maryland.*
Aulacaspis pentagona (West Indian peach scale).....	Carica papaya (papaya).....	Louisiana.*
Do.....	Carica papaya (papaya) (3).....	New York.*
Do.....	Croton sp.....	Pennsylvania.*
Blastobasid.....	Musa sp. (banana leaf waste).....	Do.
Bomolocha baltimorensis (Noctuidae).....	Musa sp. (banana).....	Do.
Carpophilus dimidiatus (Nitidulidae).....	Oryza sativa (rice).....	Maryland.*
Carpophilus hemipterus (Nitidulidae).....	Musa sp. ("horse" banana).....	Pennsylvania.*
Chionaspis citri (scale insect).....	Citrus grandis (grapefruit).....	Maryland.*
Do.....	Citrus sp. (2).....	New York.*
Chironomid larvæ.....	Ananas sativus (pineapple) (2).....	Pennsylvania.*
Chrysomphalus dictyospermi (scale insect).....	Musa sp. (banana leaf waste).....	Do.
Do.....	Persea gratissima (avocado).....	Maryland.*
Chrysomyza demandata (Ortalidae).....	Musa sp. (banana leaf waste).....	Pennsylvania.*
Coccus elongatus (long soft scale).....	Croton sp.....	Massachusetts.*
Coccus sp. (scale insect).....	Carica papaya (papaya) (2).....	New York.*
Corythucha gossypii (Tingidae).....	Musa sp. (banana fruit).....	Maryland.*
Curculionid larva.....	Ipomoea batatas (sweet potato) , do	New York.*
Do.....	Cocos nucifera (coconut palm).....	Maryland.*
Diaspis boisduvalii (scale insect).....	Cocos nucifera (coconuts) (2).....	Pennsylvania.*
Do.....	Musa sp. (banana leaf waste).....	Do.
Ereunetes minuscula (Tineidae).....	Ipomoea batatas (sweet potatoes).....	Louisiana.*
Eusceps batatae (West Indian sweet-potato weevil).....	Musa sp. (banana waste).....	Pennsylvania.*
Forficula sp. (earwig).....	Annona muricata (sour sop).....	Do.
Hemichionaspis aspidistrae (aspidistra scale).....	Musa sp. (banana foliage).....	Maryland.*
Heteropoda venatoria (spider).....	Unknown.....	Pennsylvania.*
Do.....	Citrus sp. (citrus fruit).....	Do.
Ischnaspis longirostris (thread scale).....	Cocos nucifera (coconut palm).....	Maryland.*
Do.....	Cocos nucifera (coconut).....	New York.*
Do.....	Musa sp. (banana leaf waste).....	Pennsylvania.*
Jassid nymph.....	Citrus aurantifolia (lime) (2).....	Do.
Lepidosaphes beckii (purple scale).....	Citrus grandis (grapefruit) , do	Maryland.*
Do.....	Citrus limonia (lemon).....	New York.*
Do.....	Citrus nobilis (tangerine).....	Pennsylvania.*
Do.....	Citrus nobilis (tangerine) (5).....	Louisiana.*
Do.....	Citrus sinensis (orange).....	New York.*
Do.....	Citrus sinensis (orange) (4).....	California.
Do.....	Citrus sp.....	New York.*
Do.....	Citrus sp. (2).....	Louisiana.*
Do.....	Citrus sp.....	New York.*
Do.....	Croton sp.....	Pennsylvania.*
Lepidosaphes sp. (scale insect).....	Musa sp. (banana leaf waste).....	New York.*
Lyctocoris sp. (Anthocoridae).....	Musa sp. (banana fruit).....	Pennsylvania.*
Mirid.....	Musa sp. (banana) , do	Maryland.*
Monoedus sp. (Monoedidae).....	Musa sp. (banana leaf waste).....	Pennsylvania.*
Monomorium floricola (ant).....	Musa sp. (banana fruit).....	Do.
Nephila clavipes (spider).....	Musa sp. (banana foliage).....	Maryland.*
Opogona sp. (Tineidae).....	Musa sp. (banana leaf waste).....	Do.
Do.....		Pennsylvania.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
JAMAICA—continued.		
Insects—Continued.		
Oryzaephilus surinamensis (saw-toothed grain beetle).	Oryza sativa (rice).....	Maryland.*
Palaeopus dioscoreae (Curculionidae).....	Dioscorea sp. (yam).....	Pennsylvania.*
Parlatoria pergandei (chaff scale).....	Croton sp.....	Massachusetts.*
Pheidole sp. (ant).....	Ananas sativus (pineapple).....	Pennsylvania.*
Do.....	Cocos nucifera (coconut palm).....	Maryland.*
Do.....	Ipomoea batatas (sweet potato).....	Pennsylvania.*
Do.....	Zea mays (corn).....	Do.
Pinnaspis buxi (scale insect).....	Cocos nucifera (coconut palm).....	Maryland.*
Pleurodonte aspera (snail).....	Musa sp. (banana).....	Do.
Prenolepis longicornis (ant).....	Citrus grandis (grapefruit).....	Do.
Do.....	Musa sp. (banana leaf waste) (2).....	Pennsylvania.*
Do.....	Solanum tuberosum (Irish potatoes).....	Do.
Prenolepis sp. (ant).....	Herbs.....	Do.
Pseudaonidia articulatus (scale insect).....	Citrus nobilis (tangerine) (2).....	New York.*
Do.....	Citrus sinensis (orange).....	Do.
Do.....	Citrus sp.....	Florida.
Pseudococcus adonidum (long-tailed mealy bug).....	Musa sp. (banana leaves).....	Massachusetts.*
Do.....	Croton sp.....	
Do.....	do.....	New York.*
Pseudococcus bromeliae (pineapple mealybug).....	do.....	Pennsylvania.*
Do.....	Ananas sativus (pineapple) (2).....	Do.
Pseudococcus citri (citrus mealybug).....	Punica sp. (pomegranate).....	New York.*
Do.....	Chayota edulis (chayote).....	Pennsylvania.*
Pseudococcus nipae (scale insect).....	Punica granatum (pomegranate).....	New York.*
Do.....	Cocos nucifera (coconut palm).....	Maryland.*
Pseudococcus sp. (mealybug).....	Musa sp. (banana stalk).....	Pennsylvania.*
Pulvinaria sp. (scale insect).....	Citrus sp.....	New York.*
Pyralid.....	Citrus nobilis (tangerine).....	Do.
Saissetia oleae (black scale).....	Dioscorea sp. (yam).....	Do.
Sciara sp. (Mycetophilidae).....	Citrus sp.....	Do.
Strategus litanus (Scarabaeidae).....	Capsicum annuum (peppers).....	Maryland.*
Thyreocoris sp. (Thyreocoridae).....	Musa sp. (banana).....	Do.
Trypetid.....	Musa sp. (banana leaf waste).....	Do.
Veronicella sloanii (slug).....	Chrysophyllum cainito (star apple).....	Louisiana.*
Xyloryctes jamaicensis (Scarabaeidae).....	Musa sp. (banana).....	Pennsylvania.*
Do.....	do.....	New York.*
Cladosporium citri.....	Citrus aurantifolia (lime).....	Pennsylvania.*
Do.....	Citrus limonia (lemon).....	Do.
Thielaviopsis paradoxa.....	Saccharum officinarum (sugar cane).....	Do.
JAPAN.		
Insects:		
Aleurocanthus spiniferus (white fly).....	Citrus sp.....	Maryland.
Aspidiota perniciosus (San Jose scale).....	Prunus sp. (prune).....	California.
Aulacaspis pentagona (West Indian peach scale).....	do.....	Do.
Aulacaspis rosae (rose scale).....	Rosa sp. (rose).....	Oregon.*
Camponotus sp. (carpenter ant).....	Unknown.....	California.
Cathartus advena (foreign grain beetle).....	Pine nuts.....	Do.
Ceroplastes floridensis (Florida wax scale).....	Pyrus communis (pear) (cuttings).....	District of Columbia.
Ceroplastes rubens (wax scale).....	Citrus sp.....	Washington.*
Ceroplastes sp. (wax scale).....	Unknown plant (2).....	Hawaii.
Chionaspis citri (scale insect).....	Citrus sp.....	Washington.*
Do.....	Unknown plant.....	Do.
Chionaspis euonymi (euonymus scale).....	do.....	Do.
Do.....	Shrub.....	California.
Chrysomphalus aonidum (Florida red scale).....	Aspidistra sp. (aspidistra) (3).....	Washington.*
Chrysomphalus sp. (scale insect).....	Unknown plant.....	

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
JAPAN—continued.		
Insects—Continued.		
Coccus hesperidum (soft brown scale).....	Unknown plant.....	Washington,*
Coccus sp. (scale insect).....	Citrus sp.....	District of Columbia.
Cremastogaster sp. (ant).....	Azalea sp.....	California.
Dermestid.....	Paulonia (logs).....	Hawaii.
Dichocrocis punctiferalis (Pyralidae).....	Pinus sp. (pine).....	Do.
Elaterid.....	Paulonia (logs).....	Do.
Do.....	Logs.....	Do.
Ephestia elutella (Pyralidae).....	Helianthus sp. (sunflower) (seed).....	California.
Eriophyes sp. (mite).....	Ornamental plant.....	Oregon.*
Evetria sp. (Eucosmidae).....	Unknown plant.....	Pennsylvania.*
Forficulid.....	Paulonia (logs).....	Hawaii.
Gracilaria sp. (Gracilaridae).....	Azalea sp. (azalea).....	District of Columbia.
Hemerobius sp. (Hemerobiidae).....	Pinus sp. (pine).....	Hawaii.
Hemichionaspis aspidistrae (aspidistra scale).....	Aspidistra sp. (aspidistra) (3).....	California.
Do.....	Citrus sinensis (orange).....	Do.
Do.....	Citrus sp.....	Hawaii.
Lachnus sp. (Aphididae).....	Pinus sp. (pine).....	Do.
Lecanium sp. (scale insect).....	Acer sp. (Japanese maple).....	Washington.*
Lepidosaphes ficus (scale insect).....	Pyrus serotina (sand pear) (5).....	Hawaii.
Lepidosaphes gloverii (Glover's scale).....	Citrus sinensis (orange).....	California.
Do.....	Citrus sp.....	District of Columbia.
Lepidosaphes ulmi (oyster-shell scale).....	Pyrus communis (pear) (cuttings).....	California.
Lepidosaphes sp. (scale insect).....	Camellia sp.....	Hawaii.
Do.....	Citrus sp.....	Do.
Do.....	Pinus sp. (pine).....	Do.
Macrosiphonella sanborni (Aphididae).....	Chrysanthemum sp.....	District of Columbia.
Mycetophilid.....	Zingiber officinale (ginger).....	Hawaii.
Mylabris chinensis (Mylabridae).....	Beans.....	Do.
Do.....	Pisum sativum (pea).....	District of Columbia.
Mylabris pisorum (pea weevil).....	do.....	California.
Mylabris sp. (Mylabridae).....	do.....	District of Columbia.
Necrobia rufipes (red-legged ham beetle).....	Rattan canes.....	New York City.*
Nitidulid.....	Nymphaea spp.....	District of Columbia.
Olethreutid.....	Shrub (deciduous).....	Washington.*
Oniscid.....	Paulonia (logs).....	Hawaii.
Ormenis sp. (Fulgoridae).....	Shrub (deciduous).....	Washington.*
Parlatoria sp. (scale insect).....	Pyrus serotina (sand pear).....	Hawaii.
Plodia interpunctella (Indian meal moth).....	Arachis hypogaea (peanuts).....	California.
Do.....	Capsicum sp. (chili peppers).....	Do.
Plodia sp. (Pyralidae).....	Dried daikon.....	Hawaii.
Pseudaonidia duplex (scale insect).....	Azalea sp. (azalea).....	California.
Pseudaonidia paeoniae (scale insect).....	Azalea schlippenbachii.....	District of Columbia.
Do.....	Azalea sp. (azalea).....	Do.
Pseudaonidia trilobitiformis (scale insect).....	Citrus sinensis (orange).....	Washington.*
Do.....	Citrus sp. (2).....	Hawaii.
Do.....	Citrus sp.....	District of Columbia.
Pseudococcus sp. (mealy bug).....	Azalea sp. (azalea).....	California.
Do.....	Citrus sinensis (orange).....	Hawaii.
Do.....	Citrus sp.....	Do.
Psychid.....	Pinus sp. (pine).....	Pennsylvania.*
Ptochoryctis tsugensis (Tineidae).....	Azalea sp. (azalea).....	District of Columbia.
Pyralid.....	Pinus sp. (pine).....	Hawaii.
Rhizoglyphus hyacinthi (bulb mite).....	Picea sp. (spruce) (dwarf).....	Pennsylvania.*
Rhizoglyphus sp. (mite).....	Lilium sp. (lily) (bulbs).....	New York City.*
Semanotus rufipennis (Cerambycidae).....	Nymphaea spp.....	District of Columbia.
Syntomaspis sp. (Torymidae).....	Azalea sp. (azalea).....	Do.
Tenebrioïdes mauritanicus (The cadelle).....	Pyrus communis (pear).....	Kansas.
Tenebrionid.....	Paulonia (logs).....	Hawaii.
Tortricid.....	do.....	Do.
Tyroglyphus sp. (mite).....	Unknown plant (2).....	Washington.*
	Nymphaea spp.....	District of Columbia.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
JAPAN—continued.		
Diseases:		
Aspergillus flavus.....	Oryza sativa (rice).....	California.
Aspergillus oryzae.....	do.....	Do.
Pestalozzia sp.....	Rhodea japonica.....	Do.
Phomopsis caryophylli.....	Dianthus superbus.....	District of Columbia.
Sclerotinia libertiana.....	Brassica sp. (2).....	Do.
JAVA.		
Insects:		
Araecerus fasciculatus (coffee-bean weevil).....	Unknown vegetable material.....	California.
Do.....	Unknown.....	Do.
Araecerus sp. (Curculionidae).....	Tree seeds.....	Hawaii.
Calendra oryzae (rice weevil).....	Klakah sorghum seed.....	District of Columbia.
Ischnaspis longirostris (thread scale).....	Cocos nucifera (coconut).....	Do.
Lepidosaphes sp. (scale insect).....	do.....	Do.
Lophocateres pusillus (Ostomidae).....	Gossypium sp. (cotton seed) (2).....	California.
Oryzaephilus surinamensis (saw-toothed grain beetle).....	Tree seeds.....	Hawaii.
Pyralid.....	Garcinia dioica.....	District of Columbia.
Tetramorium caespitum (ant).....	In soil.....	California.
Tribolium confusum (confused flour beetle).....	Klakah sorghum seed.....	District of Columbia.
Do.....	Unknown vegetable material.....	California.
Tribolium ferrugineum (rust-red flour beetle).....	Tree seeds.....	Hawaii.
Diseases:		
Diplodia coccocarpa.....	Attalea cohune.....	District of Columbia.
Diplodia sp.....	Attalea spectabilis.....	Florida.
Melanconium sacchari.....	Saccharum edule.....	District of Columbia.
MADEIRA ISLANDS.		
Insects:		
Carpophilus hemipterus (Nitidulidae).....	Ipomoea batatas (sweet potato) (2).....	Pennsylvania.*
Cathartus advena (foreign grain beetle).....	Ipomoea batatas (sweet potato) (1).....	Do.
Drosophila sp. (Drosophilidae).....	Ipomoea batatas (sweet potato) (2).....	Do.
Eusceps batatae (West Indian sweet-potato weevil).....	Ipomoea batatas (sweet potato) (1).....	Do.
Eusceps sp. (Cryptorhynchidae).....	do.....	Do.
Phora sp. (Phoridae).....	do.....	Do.
MALTA.		
Insect:		
Cylas formicarius (sweet-potato weevil).....	Ipomoea batatas (sweet potato).....	Pennsylvania.*
MANCHURIA.		
Insect:		
Plodia interpunctella (Indian meal moth).....	Walnut sacks.....	California.
MARTINIQUE.		
Insect:		
Diaphania hyalinata (Pyralidae).....	Cucurbita sp. (squash).....	New York City.*
MEXICO.		
Insects:		
Aeolus dorsalis (Elateridae).....	Ipomoea batatas (sweet potato).....	Texas.*
Anarsia lineatella (peach twig borer).....	Amygdalus persica (peach).....	Do.
Anastrepha fraterculus (West Indian fruit fly).....	Mangifera indica (mango).....	Do.
Anastrepha ludens (fruit fly).....	Citrus aurantifolia (lime).....	California.
Do.....	Mangifera indica (mango).....	Texas.*
Anisembia sp. (Embiidan).....	Lycopodium sp.....	District of Columbia.
Aspidiotus camelliae (greedy scale).....	Citrus aurantifolia (lime).....	Texas.*
Do.....	Persea gratissima (avocado).....	Do.
Aspidiotus hederae (ivy scale).....	Citrus aurantifolia (lime).....	District of Columbia.
Do.....	Euphorbia sp.....	Do.
Do.....	Nerium oleander (oleander) (2).....	Texas.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
MEXICO—continued.		
Insects—Continued.		
Aspidiotus lataniae (scale insect).....	Cycas sp.....	District of Columbia.
Do.....	Diospyros ebenaster ("guayabota").....	Arizona.*
Do.....	Sedum sp. (herbs).....	District of Columbia.
Aulacaspis sp. (scale insect).....	Persea gratissima (avocado).....	Texas.*
Calendra oryzae (rice weevil).....	Cicer arietinum (chick peas) (2).....	California.
Do.....	Zea mays (corn).....	Do.
Carpophilus dimidiatus (Nitidulidae).....	Tripsacum sp. (narrow-leaf).....	District of Columbia.
Caryoborus sp. (Mylabridae).....	Cocos nucifera (coconut).....	Texas.*
Catorama sp. (Anobiidae).....	Gourd.....	Florida.
Ceroplastes ceriferus (wax scale).....	Cape jessamine plants.....	California.
Chrysomphalus aonidum (Florida red scale).....	Citrus aurantifolia (lime).....	Texas.*
Do.....	Citrus sinensis (orange).....	Do.
Do.....	Citrus sinensis (orange) (2).....	California.
Do.....	Cocos nucifera (coconut).....	Do.
Cis sp. (Cisidae).....	Unknown.....	Do.
Conotrachelus sp. (Curculionidae).....	Persea gratissima (avocado).....	Texas.*
Crematogaster sp. (ant).....	Diospyros ebenaster ("guayabota").....	Arizona.*
Do.....	Logs.....	California.
Cylas formicarius (sweet-potato weevil).....	Ipomoea batatas (sweet potato).....	Texas.*
Diatraea saccharalis (sugar-cane moth borer).....	Saccharum officinarum (sugar cane).....	California.
Echoerus maxillosus (Tenebrionidae).....	Zea mays (corn).....	Do.
Epicaerus sp. (Otitorrhynchidae).....	Solanum tuberosum (Irish potato).....	Louisiana.*
Epochra canadensis (currant or gooseberry fruit fly).....	Mangifera indica (mango) (2).....	Texas.*
Heilipus sp. (Curculionidae).....	Persea gratissima (avocado).....	Do.
Heliothis obsoleta (cotton bollworm).....	Lycopersicum esculentum (tomato) (34).....	California.
Hemiclionaspis minor (scale insect).....	Cocos nucifera (coconut).....	Do.
Hemiclionaspis sp. (scale insect).....	Citrus aurantifolia (lime).....	Do.
Laemophloeus ferrugineus (Cucujidae).....	Cactus plant.....	District of Columbia.
Laemophloeus pusillus (Cucujidae).....	Zea mays (corn).....	California.
Lepidosaphes beckii (purple scale).....	Citrus aurantifolia (lime) (3).....	Do.
Do.....	Citrus sinensis (orange) 5.....	Do.
Do.....	Citrus sinensis (orange).....	District of Columbia.
Lepidosaphes gloverii (Glover's scale).....	Citrus aurantifolia (lime).....	Texas.*
Do.....	Citrus aurantifolia (lime) (2).....	Florida.
Lobiopa decumana (Nitidulidae).....	Musa sp. (banana).....	California.
Lygaeus interstructus (Lygaeidae).....	Ipomoea batatas (sweet potato).....	Louisiana.*
Metamasius sp. (Curculionidae).....	Saccharum officinarum (sugar cane).....	Texas.*
Mylabris obtectus (bean weevil).....	Beans.....	Do.
Myochrous melancholicus (Chrysomelidae).....	Musa sp. (banana).....	New York City.*
Myrmica sp. (ant).....	Ipomoea batatas (sweet potato).....	Louisiana.*
Oryzaephilus surinamensis (saw-toothed grain beetle).....	Unknown.....	Texas.*
Parlatoria cinerea (scale insect).....	Cirtus aurantifolia (lime) (2).....	Do.
Parlatoria pergandei (chaff scale).....	Citrus aurantifolia (lime) (3).....	Do.
Do.....	Citrus aurantifolia (lime).....	Florida.
Parlatoria proteus (scale insect).....	do.....	California.
Pectinophora gossypiella (pink bollworm).....	Gossypium sp. (cottonseed) (4).....	Texas.*
Do.....	In railroad cars (20).....	Do.
Phenacoccus sp. (scale insect).....	Solanum tuberosum (Irish potato).....	Louisiana.*
Plodia interpunctella (Indian meal moth).....	Gossypium sp. (cotton seed).....	Texas.*
Do.....	In railroad cars.....	Do.
Do.....	Zea mays (corn).....	California.
Pseudaonidia articulatus (rufous scale).....	Citrus aurantifolia (lime) (2).....	Florida.
Do.....	Unknown.....	Do.
Pseudococcus virgatus (mealybug).....	Yucca sp. (yucca).....	California.
Pseudococcus sp. (mealybug).....	Musa sp. (banana).....	Florida.
Pseudoparlatoria parlatorioides (scale insect).....	Gardenia sp.	Texas.*
Ptociohorma oblonga (Lygaeidae).....	Ipomoea batatas (sweet potato)	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
MEXICO—continued.		
Insects—Continued.		
Pyralid.....	Gossypium sp. (cotton seed).....	Texas.*
Do.....	Gourd.....	California.
Do.....	In railroad car (2).....	Texas.*
Do.....	Tamarindus indica (tamarind).....	Do.
Sitotroga cerealella (angoumois grain moth).....	Zea everta (popcorn).....	Do.
Do.....	Zea mays (corn).....	California.
Do.....	do.....	Texas.*
Spermophagus pectoralis (Mylabridae).....	Beans (2).....	California.
Stenoma catinefer (avocado stenoma).....	Persea gratissima (avocado).....	Texas.*
Tribolium confusum (confused flour beetle).....	Gossypium sp. (cotton seed).....	Do.
Do.....	Unknown.....	Do.
Trypoxylon sp. (Psallidiidae).....	Solanum tuberosum (Irish potato) (2).....	Louisiana.*
Diseases:		
Aspergillus niger.....	Citrus sp.....	Do.
Ceratostomella canavaliae.....	Canavalia villosa.....	District of Columbia.
Cladosporium citri.....	Citrus sp.....	Louisiana.*
Penicillium digitatum.....	do.....	Do.
NEW ZEALAND.		
Insects:		
Hemichionaspis minor (scale insect).....	Unknown.....	California.
Lepidosaphes ulmi (oyster-shell scale).....	Malus sylvestris (apple).....	Do.
Ptinus sp. (Ptinidae).....	Lotus sp.....	District of Columbia.
Do.....	Trifolium sp. (clover).....	Do.
NICARAGUA.		
Insects:		
Aspidiota lataniae (scale insect).....	Cedrela odorata (West Indian cedar tree).....	District of Columbia.
Aulacaspis pentagona (West Indian peach scale).....	do.....	Do.
Calendra oryzae (rice weevil).....	Persea gratissima (avocado).....	California.
Cathartus advena (foreign grain beetle).....	do.....	Do.
Chrysomphalus dictyospermi (scale insect).....	In soil.....	Do.
Diaspis boisduvalii (Boisduval's scale).....	Cocos nucifera (coconut).....	Louisiana.*
Monomorium pharaonis (ant).....	Rosa sp. (in soil about plants).....	California.
Saissetia hemisphaerica (hemispherical scale).....	Annona muricata (sour sop).....	Louisiana.*
NORWAY.		
Insects:		
Geophilus electricus (myriapod).....	In soil.....	Pennsylvania.*
Sciara sp. (Mycetophilidae).....	In soil (2).....	Do.
Disease:		
Actinomyces scabies.....	Solanum tuberosum (Irish potato).....	Do.
ORIENT.		
Insect:		
Plodia interpunctella (Indian meal moth).....	Walnut sacks.....	California.
PALESTINE.		
Insects:		
Chrysomphalus aurantii (California red scale).....	Cedrats (2).....	California.
Do.....	Citrus limonia (lemon).....	Florida.
Do.....	Citrus sp.....	District of Columbia.
Lepidosaphes beckii (purple scale).....	Cedrats.....	California.
Pseudococcus citri (citrus mealybug).....	do.....	Do.
Disease:		
Ustilago hordei.....	Hordeum vulgare.....	District of Columbia.
PANAMA.		
Insects:		
Anisolabis annulipes (earwig).....	Phytolæphas seemannii (tagua nuts).....	New York City.*
Aspidiota camelliae (greedy scale).....	Citrus sinensis (orange).....	Oregon.*
Calendra oryzae (rice weevil).....	Dioscorea sp. (yam).....	New York City.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
PANAMA—continued.		
Insects—Continued.		
<i>Carpophilus dimidiatus</i> (Nitidulidae).....	<i>Phytelephas seemannii</i> (tagua nuts).....	New York City.*
<i>Coccotrypes</i> sp. (Scolytidae).....	do.....	Do.
<i>Euxestus parki</i> (Colydiidae).....	do.....	Do.
<i>Lepidosaphes beckii</i> (purple scale).....	<i>Citrus sinensis</i> (orange) (3).....	California.
<i>Lepidosaphes crotonis</i> (scale insect).....	<i>Croton</i> sp. (croton).....	Do.
<i>Nitidulid</i>	<i>Phytelephas seemannii</i> (tagua nuts) (2).....	New York City.*
<i>Parlatoria proteus</i> (scale insect).....	<i>Croton</i> sp. (croton).....	California.
<i>Pseudaonidia articulatus</i> (scale insect).....	<i>Rosa</i> sp. (rose).....	District of Columbia.
<i>Rhizoglyphus</i> sp. (mite).....	<i>Phytelephas seemannii</i> (tagua nuts).....	New York City.*
<i>Rhynchophorus palmarum</i> (Curculionidae).....	<i>Cocos nucifera</i> (coconut).....	Do.
<i>Saissetia hemisphaerica</i> (hemispherical scale).....	<i>Ixora</i> sp.....	District of Columbia.
<i>Tetramorium guineense</i> (ant).....	<i>Phytelephas seemannii</i> (tagua nuts).....	New York City.*
<i>Zelus</i> sp. (Reduviidae).....	<i>Musa</i> sp. (banana).....	Louisiana.*
PARAGUAY.		
Insects:		
<i>Aspidiotus</i> sp. (scale insect).....	<i>Citrus sinensis</i> (orange).....	California.
<i>Chrysomphalus</i> sp. (scale insect).....	do.....	Do.
<i>Lepidosaphes beckii</i> (purple scale).....	do.....	Do.
<i>Parlatoria</i> sp. (scale insect).....	do.....	Do.
PHILIPPINE ISLANDS.		
Insects:		
<i>Aspidiotus cydoniae</i> (scale insect).....	<i>Cocos nucifera</i> (coconut).....	California.
<i>Chrysomphalus aurantii</i> (California red scale)	<i>Citrus grandis</i> (grapefruit).....	Hawaii.
<i>Do</i>	<i>Citrus</i> sp.....	District of Columbia.
<i>Do</i>	<i>Diospyros</i> <i>discolor</i>	Do.
<i>Chrysomphalus rossi</i> (scale insect).....	<i>Orchids</i>	California.
<i>Coccus</i> sp. (scale insect).....	<i>Citrus</i> sp.....	District of Columbia.
<i>Cryptorhynchus</i> sp. (Curculionidae).....	<i>Heritiera littoralis</i> (seed).....	Hawaii.
<i>Ephestia elutella</i> (Pyralidae).....	<i>Mangifera indica</i> (mango).....	California.
<i>Gryllotalpa</i> sp. (Gryllidae).....	<i>In soil</i>	Hawaii.
<i>Lepidosaphes beckii</i> (purple scale).....	<i>Citrus sinensis</i> (orange).....	California.
<i>Do</i>	<i>Citrus</i> sp.....	District of Columbia.
<i>Lepidosaphes mcgregori</i> (scale insect).....	<i>Cocos nucifera</i> (coconut).....	California.
<i>Lepidosaphes</i> sp. (scale insect).....	<i>Grass</i>	Hawaii.
<i>Murmidius ovalis</i> (Murmidiiidae).....	<i>Unknown</i>	Oregon.*
<i>Necrobia rufipes</i> (red-legged ham beetle).....	<i>Copra</i> (coconut meat).....	Pennsylvania.*
<i>Parlatoria pergandei</i> (chaff scale).....	<i>Citrus sinensis</i> (orange).....	California.
<i>Parlatoria zizyphus</i> (scale insect).....	<i>Citrus grandis</i> (grapefruit).....	Hawaii.
<i>Do</i>	<i>Citrus</i> sp.....	Washington.*
<i>Prenolepis</i> sp. (ant).....	<i>Orchids</i>	California.
<i>Pseudaonidia trilobitiformis</i> (scale insect).....	<i>Citrus</i> sp.....	District of Columbia.
<i>Pseudococcus bromeliae</i> (pineapple mealybug).....	<i>Musa</i> sp. (banana).....	Hawaii.
<i>Pseudococcus virgatus</i> (mealybug).....	<i>Citrus</i> sp.....	District of Columbia.
<i>Saissetia oleae</i> (black scale).....	<i>Orchids</i>	California.
<i>Tetranychus</i> sp. (mite).....	<i>Citrus</i> sp.....	District of Columbia.
Diseases:		
<i>Botryodiplodia</i> sp.	<i>Diospyros</i> <i>discolor</i>	District of Columbia.
<i>Diplodia</i> <i>diospyri</i>	do.....	Do.
<i>Melanconium</i> <i>sacchari</i>	<i>Saccharum officinarum</i> (sugar cane).....	California.
PORTO RICO.		
Insects:		
<i>Aspidiotus cocomiphagus</i> (scale insect).....	<i>Cocos nucifera</i> (coconut).....	New York City.*
<i>Asterolecanium pustulans</i> (scale insect).....	<i>Unknown</i>	Do.
<i>Chironomyid</i>	<i>Mangifera indica</i> (mango).....	Pennsylvania.*
<i>Diatraea saccharalis</i> (Pyralidae).....	<i>Saccharum officinarum</i> (sugar cane).....	New York City.*
<i>Drosophila similis</i> (Drosophilidae).....	<i>Ananas sativus</i> (pineapple).....	Do.
<i>Hemichionaspis</i> sp. (scale insect).....	<i>Unknown</i>	Do.
<i>Lasioderma serricorne</i> (cigarette beetle).....	<i>Nicotiana tabacum</i> (tobacco).....	Maryland.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
PORTO RICO—continued.		
Insects—Continued.		
Lepidosaphes beckii (purple scale).....	Citrus grandis (grapefruit) (4).....	California.
Pinnaspis buxi (scale insect).....	Oreodoxa regia (royal palm).....	District of Columbia.
Pseudococcus bromeliae (pineapple mealybug).....	Ananas sativus (pineapple) (2).....	New York City.*
Pseudococcus sp. (mealybug).....	Ananas sativus (pineapple).....	Do.
Targionia sacchari (scale insect).....	Dracaena terminalis.....	Do.
Disease:		
Puccinia cannae.....	Canna sp.....	New York.*
PORUGAL.		
Insects:		
Aspidiotus hederae (ivy scale).....	Ligustrum sp. (privet) (cuttings).....	Massachusetts.*
Mylabris pisorum (pea weevil).....	Vicia faba (horsebeans).....	Hawaii.
Saissetia hemisphaerica (hemispherical scale).....	Ligustrum sp. (privet) cuttings.....	Massachusetts.*
PORUGUESE EAST AFRICA.		
Insects:		
Curculionid.....	Mafurreira (seeds).....	New York City.*
Saissetia nigra (scale insect).....	Unknown leaves.....	Do.
RUSSIA.		
Diseases:		
Actinomyces scabies.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Fusarium sp.do.....	do.....	Do.
SALVADOR.		
Insect:		
Ponera sp. (ant).....	Rosa sp. (rose).....	California.
SEYCHELLE ISLAND.		
Insect:		
Lasioderma serricorne (cigarette beetle).....	Myristica sp. (nutmeg).....	Florida.
SIAM.		
Insects:		
Araecerus fasciculatus (coffee-bean weevil).....	Inga laurina (seed).....	District of Columbia.
Attagenus piceus (Dermestidae).....	Gossypium sp. (cotton seed).....	Do.
Balaninus sp. (Curculionidae).....	Elaeocarpus siamensis.....	Do.
Do.....	Quercus sp. (acorn) (8).....	Do.
Carpophilus dimidiatus (Nitidulidae).....	Gossypium sp. (cotton seed).....	Do.
Chrysomphalus aonidum (Florida red scale).....	Citrus grandis (grapefruit).....	Do.
Chrysomphalus aurantii (California red scale).....	do.....	Do.
Do.....	Citrus sp.....	Do.
Curculionid larva.....	Eugenia grandis.....	Do.
Dinoderus sp. (Bostrichidae).....	Bambuseae sp. (bamboo).....	California.
Hemichionaspis sp. (scale insect).....	Citrus grandis (grapefruit).....	District of Columbia.
Lasioderma serricorne (cigarette beetle).....	Bambuseae sp. (bamboo).....	California.
Monomorium destructor (ant).....	Wild almonds.....	District of Columbia.
Pyralid.....	Elaeocarpus siamensis (seeds).....	Do.
Tarsonemus sp. (mite).....	Citrus sp.....	Do.
SICILY.		
Insects:		
Aspidiotus hederae (ivy scale).....	Citrus limonia (lemon).....	California.
Ceroplastes rusci (wax scale).....	Ficus carica (fig.).....	Pennsylvania.*
SOUTH AFRICA.		
Insects:		
Aphiochaeta sp. (Phoridae).....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Aspidiotus sp. (scale insect).....	"Keiffer pears".....	Do.
Carpophilus hemipterus (Nitidulidae).....	Honeydew melon.....	Do.
Carpophilus sp. (Nitidulidae).....	Solanum tuberosum (Irish potato).....	Do.
Do.....	Vitis sp. (grape).....	Do.
Drosophila busckii (Drosophilidae).....	Honeydew melon.....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
SOUTH AFRICA—continued.		
Insects—Continued.		
Drosophila melanogaster (Drosophilidae).....	Honeydew melon	Pennsylvania.*
Drosophila repleta (Drosophilidae).....	do.....	Do.
Phthorimaea operculella (potato tuber moth).....	Solanum tuberosum (Irish potato) (2).....	Do.
Pseudococcus sp. (mealybug).....	"Keiffer pears" (2).....	Do.
SOUTH AMERICA.		
Insects:		
Caryobius sp. (Mylabridae).....	Unknown.....	District of Columbia.
Trigonogenius globulum (Ptinidae).....	Phytelephas seemannii (ivory nut).....	California.
Diseases:		
Acrostalagmus cinnabarinus.....	Theobroma cacaoicola.....	California.
Cladosporium citri.....	Citrus nobilis (tangerine).....	Do.
Do.....	Citrus sinensis (orange).....	Do.
Colletotrichum gloeosporioides.....	Theobroma cacaoicola.....	Do.
Diplodia cacaoicola.....	Cocos nucifera (coconut).....	Do.
Do.....	Theobroma cacaoicola.....	Do.
SPAIN.		
Insects:		
Aspidiotus hederae (ivy scale).....	Palm.....	Pennsylvania.*
Aspidiotus sp. (scale insect).....	Unknown leaves.....	Florida.
Carpoglyphus sp. (mite).....	Raisins.....	Pennsylvania.*
Carpophilus hemipterus (Nitidulidae).....	do.....	Do.
Carpophilus sp. (Nitidulidae).....	do.....	Do.
Cathartus advena (foreign grain beetle).....	do.....	Do.
Chrysomphalus dictyospermi (scale insect).....	Citrus sinensis (orange).....	Florida.
Do.....	Palm.....	Maryland.*
Coccus sp. (scale insect).....	do.....	Do.
Drosophila sp. (Drosophilidae).....	Allium cepa (onions).....	Pennsylvania.*
Hemichionaspis aspidistrae (aspidistra scale).....	Unknown plant.....	Florida.
Lepidosaphes beckii (purple scale).....	Citrus sinensis (orange).....	California.
Lepidosaphes gloverii (Glover's scale).....	do.....	Florida.
Lepidosaphes sp. (scale insect).....	do.....	Do.
Parlatoria pergandei (chaff scale).....	do.....	Do.
Plodia interpunctella (Indian meal moth).....	Walnuts (2).....	California.
Saissetia oleae (black scale).....	Citrus sp.....	Florida.
Diseases:		
Actinomyces scabies.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Claviceps purpurea.....	Secale cereale.....	California.
Phytophthora infestans.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
SPANISH HONDURAS.		
Insects:		
Adetus validus (Cerambycidae).....	Musa sp. (banana) (in cargo).....	New York City.*
Alegoria dilatatus (Tenebrionidae).....	Musa sp. (banana) (2).....	Louisiana.*
Alphitobius piceus (Tenebrionidae).....	Musa sp. (banana).....	Do.
Anasa andrewsi (Coreidae).....	Musa sp. (banana) (in cargo).....	Do.
Anisalabis annulipes (earwig).....	do.....	Do.
Camponotus planatus (ant).....	Musa sp. (banana).....	Pennsylvania.*
Cardiastethus elegans (Anthocoridae).....	do.....	New York City.*
Carpophilus lugubris (Nitidulidae).....	Musa sp. (banana) (2).....	Louisiana.*
Chalcis sp. (Chalcididae).....	Musa sp. (banana).....	Do.
Chrysomphalus dictyospermi (scale insect).....	Cocos nucifera (coconut).....	Florida.
Chrysomphalus sp. (scale insect).....	Musa sp. (banana).....	New York City.*
Crematogaster brevispinosa (ant).....	do.....	Do.
Cupiennius sallei (spider).....	do.....	Pennsylvania.*
Dinocoris sp. (Pentatomidae).....	do.....	Louisiana.*
Discocephala humilis (Pentatomidae).....	do.....	Do.
Disonycha sp. (Chrysomelidae).....	Musa sp. (banana) (2).....	Do.
Drosophilid (pomace fly).....	Citrus aurantifolia (lime) (2).....	Florida.
Epilachna discincta (Coccinellidae).....	Musa sp. (banana).....	Louisiana.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
SPANISH HONDURAS—continued.		
Insects—Continued.		
Hemichionaspis sp. (scale insect).....	Manihot utilissima (cassava).....	Florida.
Hermetia sp. (Stratiomyidae).....	Solanum tuberosum (Irish potato).....	Louisiana.*
Heteroderes heterostinus (Elateridae).....	Musa sp. (banana) (in cargo).....	New York City.*
Leptoglossus phyllopus (Coreidae).....	do.....	Louisiana.*
Lorelus trapeziderus (Tenebrionidae).....	do.....	Pennsylvania.*
Lygaeus bistrigularis (Lygaeidae).....	do.....	Louisiana.*
Macropygium reticulare (Pentatomidae).....	do.....	Do.
Metamasius sericeus carbonarius (banana borer).....	Musa sp. (banana).....	Do.
Neoponera villosa (ant).....	do.....	Do.
Parlatoria sp. (scale insect).....	Citrus aurantifolia (lime).....	Florida.
Phidippus sp. (spider).....	Musa sp. (banana).....	Maryland.*
Prenolepis sp. (ant).....	do.....	New York City.*
Do.....	do.....	Pennsylvania.*
Pseudococcus bromeliae (pineapple mealybug).....	Ananas sativus (pineapple).....	Florida.
Sciara sp. (Mycetophilidae).....	Musa sp. (banana) (in cargo).....	New York City.*
Solenopsis sp. (ant).....	Musa sp. (banana).....	Louisiana.*
Spilosoma isabella (Isabella tiger moth).....	Musa sp. (banana) (in cargo).....	Do.
Stelopolybia meridionalis (Vespidae).....	Musa sp. (banana).....	New York City.*
Telephanus gracilis (Cucujidae).....	do.....	Louisiana.*
Telephanus sp. (Cucujidae).....	do.....	Do.
Typhophorus viridicyaneus (Chrysomelidae).....	do.....	
ST. KITT'S ISLAND.		
Insect:		
Targionia hartii (scale insect).....	Dioscorea sp. (yam).....	New York City.*
STRAITS SETTLEMENTS.		
Insects:		
Araecerus fasciculatus (coffee-bean weevil).....	Myristica sp. (nutmeg).....	California.
Araecerus sp. (Cerambycidae).....	Saraca taipengensis (seed).....	District of Columbia.
Aspidiotus cyanophylli (scale insect).....	Cocos nucifera (coconut).....	California.
Aspidiotus lataniae (scale insect).....	do.....	Do.
Aspidiotus sp. (scale insect).....	Cocos nucifera (coconut) (2).....	Do.
Chrysomphalus aurantii (California red scale).....	Citrus grandis.....	Oregon.*
Lepidosaphes mcgregori (scale insect).....	Cocos nucifera (coconut).....	California.
Lepidosaphes sp. (scale insect).....	do.....	Do.
Oryzaephilus surinamensis (saw-toothed grain beetle).....	Gossypium sp. (cotton seed).....	Do.
Phenacaspis sp. (scale insect).....	Cocos nucifera (coconut) (2).....	Do.
Tribolium confusum (confused flour beetle).....	Gossypium sp. (cotton seed).....	Do.
Disease:		
Actinomyces scabies.....	Solanum tuberosum (Irish potato).....	Massachusetts.*
SWEDEN.		
Insects:		
Adelges sp. (Aphididae).....	Pinus sp. (pine).....	New York City.*
Brevicoryne brassicae (Aphididae).....	Brassica oleracea (cabbage) (curly type).....	Pennsylvania.*
Cecidomyid.....	Pinus sp. (pine).....	New York City.*
Francoa elegans (Aphididae).....	Rosa sp. (rose).....	Do.
Hemichionaspis aspidistrae (scale insect).....	Aspidistra sp.....	Pennsylvania.*
Macrosiphum rosae (Aphididae).....	Rosa sp. (rose).....	New York City.*
Myzus persicae (green-peach louse).....	Brassica oleracea (cabbage) (curly type).....	Pennsylvania.*
Disease:		
Puccinia graminis.....	Phleum asperum.....	District of Columbia.
SYRIA.		
Insect:		
Pyralid.....	Amygdalus persica (peach).....	District of Columbia.
SWITZERLAND.		
Disease:		
Puccinia phragmitis.....	Phragmites communis.....	District of Columbia.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of nest.	Host.	Collected in—
TAHITI.		
Insects:		
Euscepes batatae (West Indian sweet-potato weevil).	Ipomoea batatas (sweet potato).....	California.
Hemiclionaspis sp. (scale insect).....	Orchid	Do.
Lepidosaphes beckii (purple scale).....	Citrus sinensis (orange).....	Do.
Pseudococcus bromeliae (pineapple mealybug).	Ananas sativus (pineapple).....	Do.
Disease:		
Diplodia inocarpi.....	Inocarpus edulis.....	Do.
TRINIDAD.		
Insects:		
Anobiid.....	Persea gratissima (avocado).....	New York City.*
Cathartus advena (foreign grain beetle).....	Chinese yams (on or with).....	District of Columbia.
Coccus hesperidum (soft brown scale).....	Citrus aurantifolia (lime).....	Mississippi.
Lepidosaphes beckii (purple scale).....	do.....	Do.
Necrobia rufipes (red-legged ham beetle).....	Fruit and vegetables (2).....	New York City.*
Pseudaonidia articulatus (scale insect).....	Citrus sinensis (orange).....	Do.
Pseudococcus citri (citrus mealybug).....	Chinese yams.....	District of Columbia.
Targionia hartii (scale insect).....	Dioscorea sp. (yam).....	New York City.*
Diseases:		
Cladosporium citri.....	Citrus sp.....	Massachusetts.
Glomerella cingulata.....	Dracaena massageana.....	District of Columbia.
Rhizopus nigricans.....	Ipomoea batatas (sweet potato).....	New York City.*
TRIPOLI.		
Insect:		
Sitotroga cerealella (angoumois grain moth)....	Hordeum vulgare (barley).....	District of Columbia.
TURKEY.		
Insect:		
Pyralid.....	Nicotiana tabacum (tobacco).....	New York City.*
UNION OF SOUTH AFRICA.		
Diseases:		
Cerebella panici.....	Urochloa brachyura.....	District of Columbia.
Claviceps purpurea.....	Anthephora pubescens.....	Do.
Colletotrichum graminicolum.....	Cynodon incompletus.....	Do.
URUGUAY.		
Insects:		
Caryoborus sp. (Mylabridae).....	Acrocomia sp.....	District of Columbia.
Dermestes vulpinus (Dermestidae).....	Bones.....	Louisiana.*
Necrobia ruficollis (Corynetidae).....	do.....	Do.
Necrobia rufipes (red-legged ham beetle).....	do.....	Do.
VENEZUELA.		
Insects:		
Diaspis boisduvalii (Boisduval's scale).....	Orchid	New York City.*
Pentatomid.....	Corm.....	Do.
Pseudococcus sp. (mealybug).....	Zea mays (corn).....	Do.
Saissetia sp. (scale insect).....	Grevillea robusta.....	Do.
VIRGIN ISLANDS.		
Insects:		
Diatraea saccharalis (sugar-cane moth borer).....	Saccharum officinarum (sugar cane).....	District of Columbia.
Hemiclionaspis sp. (scale insect).....	Gossypium sp. (cotton) (boll).....	New York City.*
Pseudococcus sacchari (mealybug).....	Saccharum officinarum (sugar cane).....	District of Columbia.
Diseases:		
Melanconium sacchari.....	do.....	Do.
Trichoderma lignorum.....	do.....	Do.
WASHINGTON ISLAND.		
Insect:		
Pheidole sp. (ant).....	Fern.....	Hawaii.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
WEST INDIES (BRITISH).		
Diseases:		
Claviceps microcephala.....	Oryzopsis miliacea.....	District of Columbia.
Colletotrichum gloeosporioides.....	Melicocca bijuga.....	Do.
Do.....	Peperomia sp.....	Do.
Diplodia coccocarpa.....	Cocos nucifera (coconut).....	Florida.
Diplodia natalensis.....	Citrus aurantifolia (lime).....	Do.
Diplodia tubericola.....	Ipomoea batatas (sweet potato).....	Pennsylvania.*
Fusarium sp.....	Zea mays (corn).....	Florida.
Glomerella sp.....	Gossypium sp. (cotton).....	Pennsylvania.*
Phyllachora engleri.....	Anthurium sp.....	New York City.*
Sclerotium bataticola.....	Ipomoea batatas (sweet potato).....	Pennsylvania.*
Septoria oleandrina.....	Nerium oleander (oleander).....	New York.*
WEST INDIES (FRENCH).		
Disease:		
Fusarium sp.....	Vanilla sp.....	District of Columbia.